



May 24, 2018
AVO 34437

The Honorable Armando Ortega
Aldersperson
City of Barstow
PO Box 98
Barstow, TX 79719-0098

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Aldersperson Ortega:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the City of Barstow within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TCL (214) 346-6200
FAX (214) 346-0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

The Honorable Dora Villanueva
Aldersperson
City of Barstow
PO Box 98
Barstow, TX 79719-0098

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Aldersperson Villanueva:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the City of Barstow within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1701 NORTH BOWSER ROAD
RICHARDSON, TX 75081 2275

TEL (214) 346-6200
FAX (214) 739 0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

Ms. Delma Lerma
City Secretary
City of Barstow
PO Box 98
Barstow, TX 79719-0098

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Ms. Lerma:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the City of Barstow within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 339-0095

WWW.HALFF.COM

A-10

202



May 24, 2018
AVO 34437

The Honorable Venetta Seals
Mayor
Town of Pecos City
PO Box 929
Pecos, TX 79772-0929

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mayor Seals:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the Town of Pecos City within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak".

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TLL (214) 346-6200
FAX (214) 339-0095

WWW.HALFF.COM

A-11

203



May 24, 2018
AVO 34437

The Honorable Gerald Tellez
Mayor Pro Tem
Town of Pecos City
PO Box 929
Pecos, TX 79772-0929

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mayor Pro Tem Tellez:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the Town of Pecos City within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 339-0095

WWW.HALFF.COM

A-12

204



May 24, 2018
AVO 34437

Ms. Veronica Baca
Council Member
Town of Pecos City
PO Box 929
Pecos, TX 79772-0929

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Baca:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the Town of Pecos City within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON TX 75081-2275

TEL (214) 346-6200
FAX (214) 339-0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

The Honorable Wally Moon
Council Member
Town of Pecos City
PO Box 929
Pecos, TX 79772-0929

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Council Member Moon:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the Town of Pecos City within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON TX 75081 2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

Mr. Oscar Ornelas, Jr.
Council Member
Town of Pecos City
PO Box 929
Pecos, TX 79772-0929

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Ornelas:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the Town of Pecos City within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in dark ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

The Honorable Arthur Orona
Council Member
Town of Pecos City
PO Box 929
Pecos, TX 79772-0929

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Council Member Orona:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the Town of Pecos City within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "RM", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 759-0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

Mr. Seth Sorensen
City Manager
Town of Pecos City
PO Box 929
Pecos, TX 79772-0929

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Sorensen:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the Town of Pecos City within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081 2275

TEL (214) 346-6200
FAX (214) 739 0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

Mr. Gary Rumbaugh
Public Works
Town of Pecos City
PO Box 929
Pecos, TX 79772-0929

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Rumbaugh:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the Town of Pecos City within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHLAND, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-18

210



May 24, 2018
AVO 34437

Ms. Syra Nichols
City Secretary
Town of Pecos City
PO Box 929
Pecos, TX 79772-0929

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Ms. Nichols:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, city projects, or other areas of interest to the Town of Pecos City within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON TX 75081-2275

TEL (214) 346-6200
FAX (214) 759-0095

WWW.HALFF.COM

A-19

211



May 24, 2018
AVO 34437

Mr. Ralph Traynham, Superintendent of Schools
Fort Stockton Independent School District
101 West Division Street
Fort Stockton, TX 79735

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Traynham:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information existing or planned school facilities, other ISD projects, or other areas of interest to the Fort Stockton Independent School District within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL: (214) 346-6200
FAX: (214) 739-0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

Ms. Kellye Riley, Superintendent
Monahans-Wickett-Pyote Independent School District
606 South Betty
Monahans, TX 79756

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Ms. Riley:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information existing or planned school facilities, other ISD projects, or other areas of interest to the Monahans-Wickett-Pyote Independent School District within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", followed by a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

Mr. James Haley
Superintendent of Schools
Pecos-Barstow-Toyah Independent School District
1301 South Eddy Street
Pecos, TX 79772-5809

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Haley:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information existing or planned school facilities, other ISD projects, or other areas of interest to the Pecos-Barstow-Toyah Independent School District within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)



May 24, 2018
AVO 34437

The Honorable Joe Shuster
Pecos County Judge
Pecos County Courthouse
103 West Callaghan
Fort Stockton, TX 79735

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Judge Shuster:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Pecos County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-23

215



May 24, 2018
AVO 34437

The Honorable Santiago Cantu, Jr.
Pecos County Commissioner - Precinct 4
PO Box 10
Fort Stockton, TX 79735

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Cantu:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Pecos County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in dark ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)



May 24, 2018
AVO 34437

The Honorable Tom Chapman
Pecos County Commissioner - Precinct 1
PO Box 1624
Fort Stockton, TX 79735

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Chapman:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Pecos County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in dark ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1701 NORTH BOWSER ROAD
RICHARDSON TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-25

217



May 24, 2018
AVO 34437

The Honorable Lupe Dominguez
Pecos County Commissioner - Precinct 2
PO Box 220
Fort Stockton, TX 79735

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Dominguez:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Pecos County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in dark ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)



May 24, 2018
AVO 34437

The Honorable Mickey Jack Perry
Pecos County Commissioner - Precinct 3
PO Box 456
Iraan, TX 79744

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Perry:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Pecos County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak".

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)



May 24, 2018
AVO 34437

The Honorable Won Joo Bang, M.D.
Reeves County Judge
Reeves County Courthouse
100 East 4th Street, Ste 207
Pecos, TX 79772-4050

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Judge Bang:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Reeves County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-28

220



May 24, 2018
AVO 34437

The Honorable Rojelio Alvarado
Reeves County Commissioner - Precinct 1
1322 East 5th Street
Pecos, TX 79772-4422

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Alvarado:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Reeves County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)



May 24, 2018
AVO 34437

The Honorable Paul Hinojos
Reeves County Commissioner - Precinct 3
PO Box 873
Pecos, TX 79772-0873

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Hinojos:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Reeves County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak".

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)



May 24, 2018
AVO 34437

The Honorable Louise C. Moore
Reeves County Commissioner - Precinct 2
Reeves County Courthouse
100 East 4th Street, Ste 207
Pecos, TX 79772-4050

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Moore:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Reeves County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1701 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM A-31



May 24, 2018
AVO 34437

The Honorable Tony Trujillo
Reeves County Commissioner - Precinct 4
421 South Willow
Pecos, TX 79772-3710

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Trujillo:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Reeves County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)



May 24, 2018
AVO 34437

The Honorable Greg M. Holly
Ward County Judge
Ward County Courthouse
400 South Allen Avenue, Ste. 300
Monahans, TX 79756

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Judge Holly:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Ward County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHT-ARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 759-0095

WWW.HALFF.COM A-33



May 24, 2018
AVO 34437

The Honorable Larry Hanna
Ward County Commissioner - Precinct 2
Ward County Courthouse
400 South Allen Avenue, Ste. 300
Monahans, TX 79756-4600

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Hanna:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Ward County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 759-0095

WWW.HALFF.COM A-34



May 24, 2018
AVO 34437

The Honorable Eddie Nelms
Ward County Commissioner - Precinct 4
Ward County Courthouse
400 South Allen Avenue, Ste. 300
Monahans, TX 79756-4600

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Nelms:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Ward County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1701 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM A-35



May 24, 2018
AVO 34437

The Honorable Dexter Nichols
Ward County Commissioner - Precinct 3
Ward County Courthouse
400 South Allen Avenue, Ste. 300
Monahans, TX 79756-4600

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Nichols:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Ward County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-36



May 24, 2018
AVO 34437

The Honorable Tino Sanchez
Ward County Commissioner - Precinct 1
Ward County Courthouse
400 South Allen Avenue, Ste. 300
Monahans, TX 79756-4600

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Sanchez:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding existing or planned land development projects, county projects, or other areas of interest to Ward County within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", with a horizontal line extending to the right.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSLER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 759-0095

WWW.HALFF.COM

A-37

229



May 24, 2018
AVO 34437

Mr. Glynn Owens
Chairman
Reeves County Historical Commission
1112 West 6th Street
Pecos, TX 79772-3710

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Chairman Owens:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding known or recorded cultural resources within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081 2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-38



May 24, 2018
AVO 34437

Ms. Ellen Friar
Chairman
Ward County Historical Commission
400 South Allen Avenue, Ste. 300
Monahans, TX 79756-4600

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Chairman Friar:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding known or recorded cultural resources within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 346-0095

WWW.HALFF.COM

A-39



May 24, 2018
AVO 34437

DoD Siting Clearinghouse
3400 Defense Pentagon, Room 5C646
Washington, DC 20301-3400

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

To Whom It May Concern:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the DoD Siting Clearinghouse within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-40

232



ENERGY,
INSTALLATIONS
AND ENVIRONMENT

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
3400 DEFENSE PENTAGON
WASHINGTON, DC 20301-3400

September 17, 2018

Russell Marusak
Environmental Scientist
Halff Associates, Inc.
1201 North Bowser Rd
Richardson, TX 75081

Dear Mr. Marusak,

As requested, the Military Aviation and Installation Assurance Siting Clearinghouse coordinated within DoD an informal review of the Sand Lake to Solstice 345 kV Transmission Line Project. The results of our review indicated that the transmission line project located in Reeves, Ward, and Pecos Counties, TX, as proposed, will have minimal impact on military operations conducted in the area.

Please note that this informal review by the DoD Military Aviation and Installation Assurance Siting Clearinghouse does not constitute an action under 49 United States Code Section 44718 and that the DoD is not bound by the conclusion arrived at under this informal review. If you have any questions, please contact me at steven.j.sample4.civ@mail.mil or at 703-571-0076.

Sincerely,

Steven J. Sample
Deputy Director
Military Aviation and Installation
Assurance Siting Clearinghouse

Received 9/19/2019



May 24, 2018
AVO 34437

Mr. Terry Biggio
Southwest Region Regional Administrator
Federal Aviation Administration
10101 Hillwood Parkway
Fort Worth, TX 76117-1524

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Biggio:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Federal Aviation Administration within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-42

234



U.S. Department
of Transportation
**Federal Aviation
Administration**

Southwest Region
10101 Hillwood Parkway
Fort Worth, TX 76177

JUN 01 2018

Russell Marusak, Environmental Scientist
Halff Associates, Inc.
1201 North Bowser Road
Richardson, TX 75081-2275

Dear Mr. Marusak:

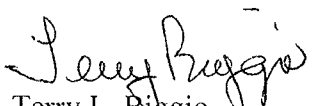
This is in response to your May 24, 2018 correspondence concerning a proposed new 345-kilovolt transmission line between Ward and Pecos Counties, Texas. You requested environmental and land use constraints information that would be useful in project planning.

As stated in Title 14 of the Code of Federal Regulations (14 CFR) Part 77, Objects that Affect the Navigable Airspace, the prime objectives of the Federal Aviation Administration are to promote air safety and the efficient use of the navigable airspace.

To accomplish this mission, aeronautical studies are conducted based on information provided by the proponents on FAA Form 7460-1, Notice of Proposed Construction or Alteration. If your organization is planning to sponsor any construction or alterations which may affect navigable airspace, you must file FAA Form 7460-1 electronically via <https://oeaaa.faa.gov/oeaaa/external/portal.jsp>.

For future reference, you may contact the Obstruction Evaluation Group at 10101 Hillwood Parkway, Fort Worth, Texas 76177 or (817) 222-5934.

Sincerely,


Terry L. Biggio
Regional Administrator,
Southwest Region

CC: Obstruction Evaluation Group, AJV-15



May 24, 2018
AVO 34437

Mr. Tony Robinson
Regional Administrator
FRC 800 North Loop 288
Federal Emergency Management Agency - Region VI
Denton, TX 76209-3698

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Robinson:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to Federal Emergency Management Agency within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON TX 75081-2275

TEL (214) 346-6200
FAX (214) 759-0095

WWW.HALFF.COM

A-44

236

U S Department of Homeland Security
FEMA Region 6
800 North Loop 288
Denton, TX 76209-3698



FEMA

FEDERAL EMERGENCY MANAGEMENT AGENCY
REGION 6
MITIGATION DIVISION

RE: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake-Solstice 345 Kv transmission line project in Reeves, Ward, and Pecos Counties, Texas

NOTICE REVIEW/ENVIRONMENTAL CONSULTATION

☐ We have no comments to offer. ☒ We offer the following comments:

**WE WOULD REQUEST THAT THE COMMUNITY FLOODPLAIN
ADMINISTRATOR BE CONTACTED FOR THE REVIEW AND POSSIBLE PERMIT
REQUIREMENTS FOR THIS PROJECT. IF FEDERALLY FUNDED, WE WOULD
REQUEST PROJECT TO BE IN COMPLIANCE WITH EO11988 & EO 11990.**

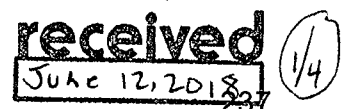
Ward County, Texas

Greg Holly
County Judge
400 South Allen, Suite 100
Monahans, Texas 79756
(432) 943-3200

REVIEWER:

Colleen Sciano
Floodplain Management and Insurance Branch
Mitigation Division
(940) 393-7257

DATE: June 7, 2018



U S Department of Homeland Security
FEMA Region 6
800 North Loop 288
Denton, TX 76209-3698



FEMA

FEDERAL EMERGENCY MANAGEMENT AGENCY
REGION 6
MITIGATION DIVISION

RE: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake-Solstice 345 Kv transmission line project in Reeves, Ward, and Pecos Counties, Texas

NOTICE REVIEW/ENVIRONMENTAL CONSULTATION

☒ We have no comments to offer. ☐ We offer the following comments:

Reeves County, Texas

Pecos County, Texas

REVIEWER:

Colleen Sciano
Floodplain Management and Insurance Branch
Mitigation Division
(940) 393-7257

DATE: June 7, 2018



May 24, 2018
AVO 34437

Mr. Tony Robinson
Regional Administrator
FRC 800 North Loop 288
Federal Emergency Management Agency - Region VI
Denton, TX 76209-3698

18-5-44586

Date Rec'd:	5/30/18
Rec'd by:	4
RA	R
Deputy RA	Y
XA	
Analyst	
RES	
REC	
MIT	X
MSD	
NP	
Grants	
File	
Suspense	X
Date:	6/13/18

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Robinson:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to Federal Emergency Management Agency within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-47

239 ³/₄

THIS PAGE LEFT BLANK INTENTIONALLY



May 24, 2018
AVO 34437

Mr. Gary Fuentes, District Conservationist
Upper Pecos SWCD Office – Monahans
Natural Resources Conservation Service
3600 South Stockton Hwy., #11
Monahans, TX 79756

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Fuentes:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Natural Resources Conservation Service within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-51

241



United States Department of Agriculture

Natural Resources
Conservation Service

State Office

101 S. Main Street
Temple, TX 76501
Voice 254.742.9800
Fax 254.742.9819

August 6, 2018

Halff Associates Inc.
1201 North Bower Road
Richardson, TX 75081-2275

Attention: Russell Marusak, Natural Resources Team Leader

Subject: LNU-Farmland Protection
Sand Lake to Solstice 345 kV Transmission Line Project
NEPA/FPPA Evaluation
Reeves, Ward, and Pecos Counties, Texas
cc. Carlos Villareal, NRCS Soil Scientist, *via email*

We have reviewed the information provided in your correspondence dated May 30, 2018 concerning the proposed transmission line project located in Culberson County, and Reeves County, Texas. This review is part of the National Environmental Policy Act (NEPA) evaluation for the Public Utilities Commission of Texas (PUCT). We have evaluated the proposed site as required by the Farmland Protection Policy Act (FPPA).

We consider the installation of aboveground transmission lines to be an activity of minimal impact that will have no effect on productive agricultural lands. Due to these reasons, the proposed activity is exempt from provisions of FPPA and no further consideration for protection is necessary. We encourage the use of accepted erosion control methods throughout the process.

Please find the attached Custom Soil Resources Report. The soil physical and chemical properties are presented, along with additional restrictions or interpretations for the project area.

If you have further questions, please contact me at 254.742.9834 or by email at Adryn.Velasquez@tx.usda.gov (Preferred).

Sincerely,

Adryn Velasquez
NRCS Soil Scientist

Attachment: **Custom Soil Resource Report for Reeves, Ward, and Pecos Counties, Texas**



Soil Information for All Uses

ROC – Risk of Corrosion of Concrete

"Risk of corrosion" pertains to potential soil-induced electrochemical or chemical action that corrodes or weakens concrete. The rate of corrosion of concrete is based mainly on the sulfate and sodium content, texture, moisture content, and acidity of the soil. Special site examination and design may be needed if the combination of factors results in a severe hazard of corrosion. The concrete in installations that intersect soil boundaries or soil layers is more susceptible to corrosion than the concrete in installations that are entirely within one kind of soil or within one soil layer

Erosion Factor K

Erosion factor K indicates the susceptibility of a soil to sheet and rill erosion by water. Factor K is one of six factors used in the Universal Soil Loss Equation (USLE) and the Revised Universal Soil Loss Equation (RUSLE) to predict the average annual rate of soil loss by sheet and rill erosion in tons per acre per year. The estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and saturated hydraulic conductivity (Ksat). Values of K range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.

Depth to a Restrictive Layer

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

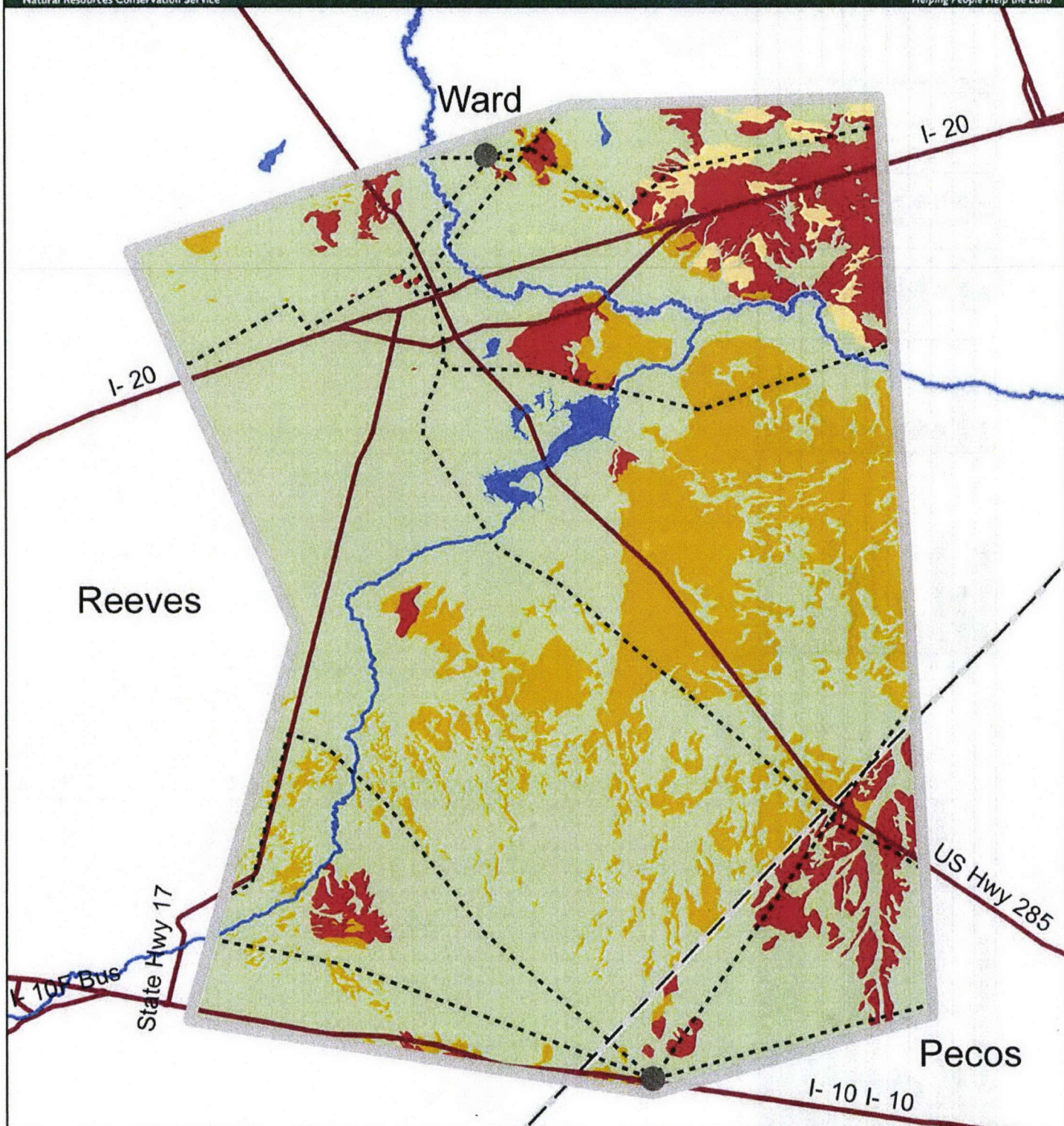
Linear Extensibility

Linear extensibility refers to the change in length of an unconfined clod as moisture content is decreased from a moist to a dry state. It is an expression of the volume change between the water content of the clod at 1/3- or 1/10-bar tension (33kPa or 10kPa tension) and oven dryness. The volume change is reported as percent change for the whole soil. The amount and type of clay minerals in the soil influence volume change.

MU Symbol	Map Unit Name	Surface Texture	ROC	DTRL (cm)	Factor K	Linear Extensibility
34	Reeves clay loam, 0 to 1 percent slopes	Clay loam	High	>200	0.28	4.5
26	Orla clay loam, 0 to 1 percent slopes	Clay loam	High	>200	0.32	2.6
11	Dalby clay	Clay	High	>200	0.24	17
16	Hoban silty clay loam, 0 to 1 percent slopes	Silty clay loam	High	>200	0.28	4.5
27	Orla association, nearly level	Clay loam	High	>200	0.32	1.9
32	Reakor association, nearly level	Loam	Moderate	>200	0.43	3.9
23	Lozier-Rock outcrop complex, 20 to 70 percent slopes	Very gravelly loam	Low	30	0.1	1
43	Verhalen clay	Clay	High	>200	0.24	7.5
12	Delnorte-Chilicotal association, rolling	Gravelly loam	Low	30	0.2	1.5
10	Canutio-Delnorte complex, 1 to 3 percent slopes	Very gravelly sandy loam	Low	>200	0.05	1.5
39	Toyah clay loam	Clay loam	Moderate	>200	0.28	4.5
42	Upton-Delnorte association, nearly level	Loam	Low	46	0.37	1.5
19	Hodgins soils, frequently flooded	Silty clay loam	Moderate	>200	0.37	4.5
41	Upton gravelly loam, 0 to 2 percent slopes	Gravelly loam	Low	46	0.2	1.5
31	Reakor silty clay loam, 0 to 1 percent slopes	Silty clay loam	Moderate	>200	0.37	4.5
20	Holloman-Reeves association, gently undulating	Loam	High	15	0.37	1.5
28	Patrole silt loam	Silt loam	High	>200	0.49	2.6
1	Arno clay, saline	Clay	High	>200	0.24	7.5
29	Pecos silty clay, saline	Silty clay	High	>200	0.28	7.5
18	Hodgins silty clay loam, 0 to 1 percent slopes	Silty clay loam	Moderate	>200	0.37	4.5
3	Balmorhea silty clay loam	Silty clay loam	Moderate	>200	0.37	5.4
17	Hoban-Reeves-Holloman association, nearly level	Clay loam	High	>200	0.28	4.5
15	Gila-Patrole association	Fine sandy loam	High	>200	0.28	1.5
30	Bunton silty clay loam, 0 to 2 percent slopes, occasionally flooded	Silty clay loam	Moderate	>200	0.32	7.1
4	Balmorhea association, saline	Silty clay loam	High	>200	0.37	5.4
22	Lozier-Rock outcrop complex, 1 to 8 percent slopes	Very gravelly loam	Low	23	0.1	1
40	Toyah clay loam, saline	Clay loam	High	>200	0.28	4.5
14	Gila fine sandy loam, saline	Fine sandy loam	High	>200	0.28	1.5
37	Saragosa association, nearly level	Clay loam	High	>200	0.43	1.5
38	Toyah loam	Loam	Moderate	>200	0.28	4.5
2	Arno-Pecos-Patrole association	Silty clay	High	>200	0.32	7.5
5	Bigetty association	Clay loam	Moderate	>200	0.37	4.5
VC	Verhalen clay	Clay	High	>200	0.24	7.5
DE	Delnorte gravelly soils, undulating	Very gravelly loam	Low	20	0.2	1.5
SH	Sharvana soils, nearly level	Fine sandy loam	Low	25	0.24	1.5
MC	McCarran soils, nearly level	Loam	High	>200	0.37	1.5
WS	Wickett and Sharvana soils, gently undulating	Loamy fine sand	Low	76	0.24	1.5
Pa	Patrole very fine sandy loam	Very fine sandy loam	High	>200	0.43	2.9
Gf	Gila fine sandy loam	Fine sandy loam	High	>200	0.28	1.5
Im	Ima fine sandy loam, 0 to 3 percent slopes	Fine sandy loam	Low	>200	0.32	1.5
Ar	Arno clay	Clay	High	>200	0.24	7.5

LT	Los Tanos-Courthouse association	Fine sandy loam	Low	84	0.2	1.5
To	Toyah clay loam	Clay loam	Moderate	>200	0.28	4.5
WT	Wickett and Sharvana fine sandy loams, gently sloping	Fine sandy loam	Low	76	0.28	1.5
Ha	Harkey loam	Loam	High	>200	0.49	1.5
Pe	Pecos silty clay	Silty clay	High	>200	0.28	7.5
Mo	Monahans fine sandy loam, 0 to 2 percent slopes	Fine sandy loam	High	>200	0.2	1.5
UP	Upton gravelly soils, gently undulating	Gravelly loam	Low	46	0.2	1.5
PY	Pyote soils, undulating	Loamy fine sand	Low	>200	0.15	1.5
Ho	Hodgins clay loam	Clay loam	Moderate	>200	0.32	4.5
Kc	Kinco fine sandy loam, 0 to 3 percent slopes	Fine sandy loam	Low	>200	0.2	1.5
6	Delnorte association, gently undulating	Very gravelly loam	Low	23	0.2	1.5

THIS PAGE LEFT BLANK INTENTIONALLY

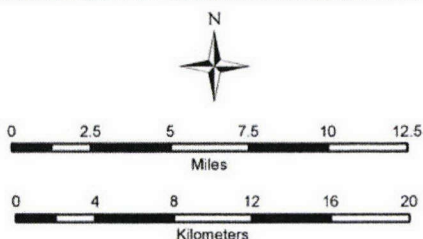


Existing
Transmission
Line

Roads

Depth to Restrictive Layer

0 - 25 cm
25 - 50 cm
50 - 100 cm
> 200 cm

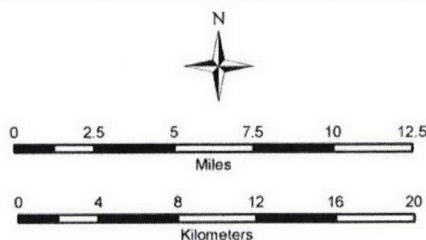
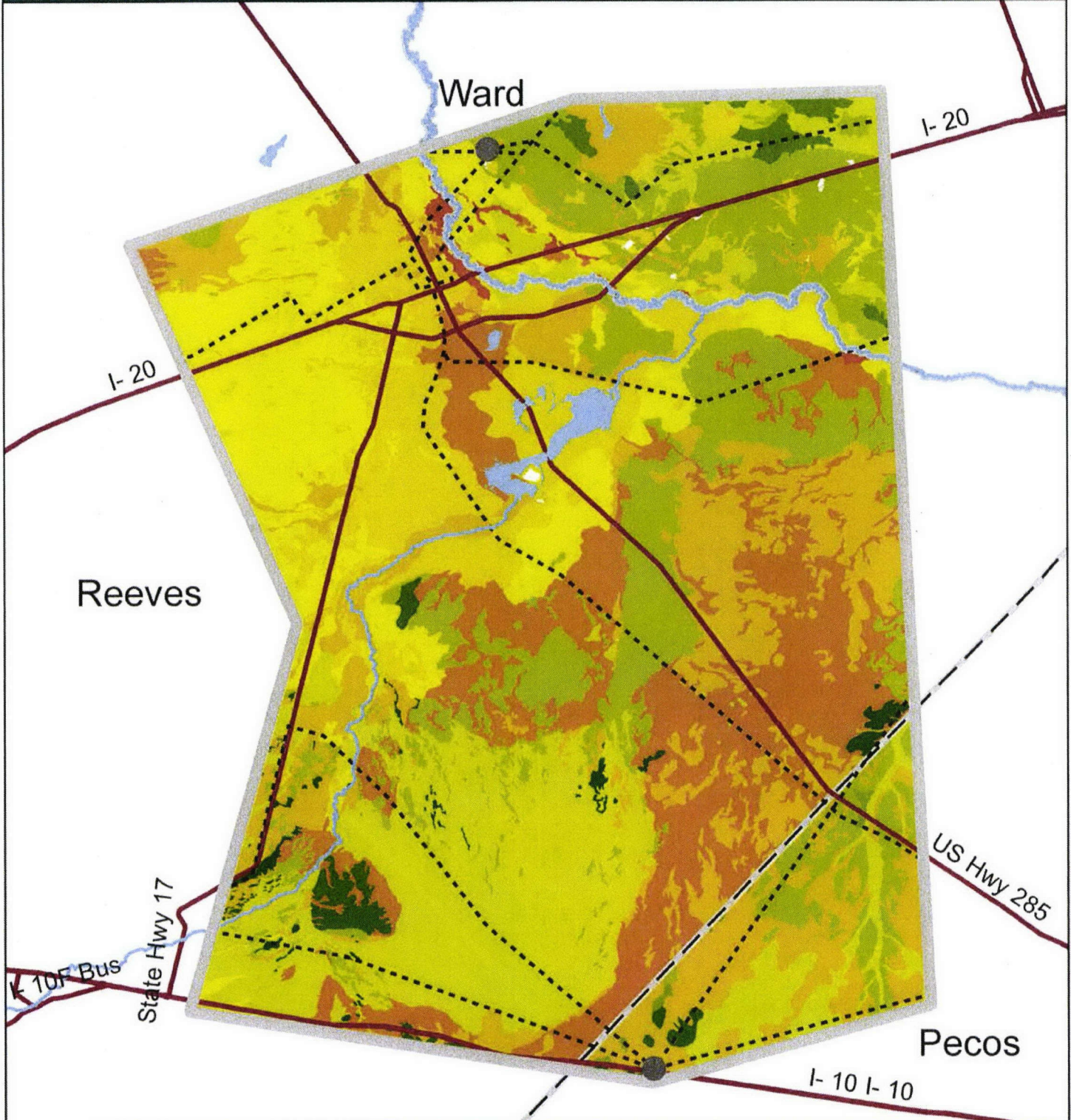


This map was produced by the USDA-
Natural Resources Conservation Service (NRCS)
Soils Section
101 South Main Street
Tempe, TX 76501

Revision Date: January 18, 2018
Datum: NAD 83
Projection: Geographic Coordinate System

Project ID: HE080718AV03

USDA is an equal opportunity provider, employer, and lender.



This map was produced by the USDA-Natural Resources Conservation Service (NRCS) Soils Section
101 South Main Street
Tempe, TX 76501

Revision Date: January 18, 2018
Datum: NAD 83
Projection: Geographic Coordinate System

Project ID: HE080718AV01

USDA is an equal opportunity provider, employer, and lender.

Ward

Reeves

I-20

I-20

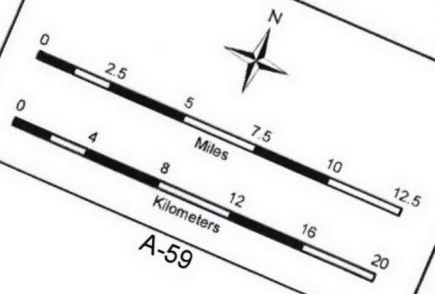
I-10
State Hwy 17

US Hwy 285

I-10

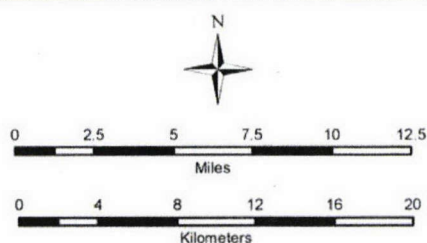
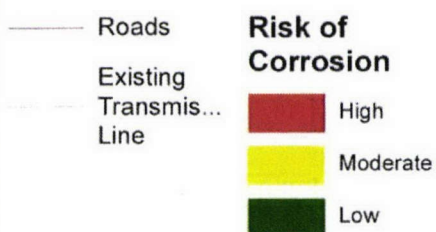
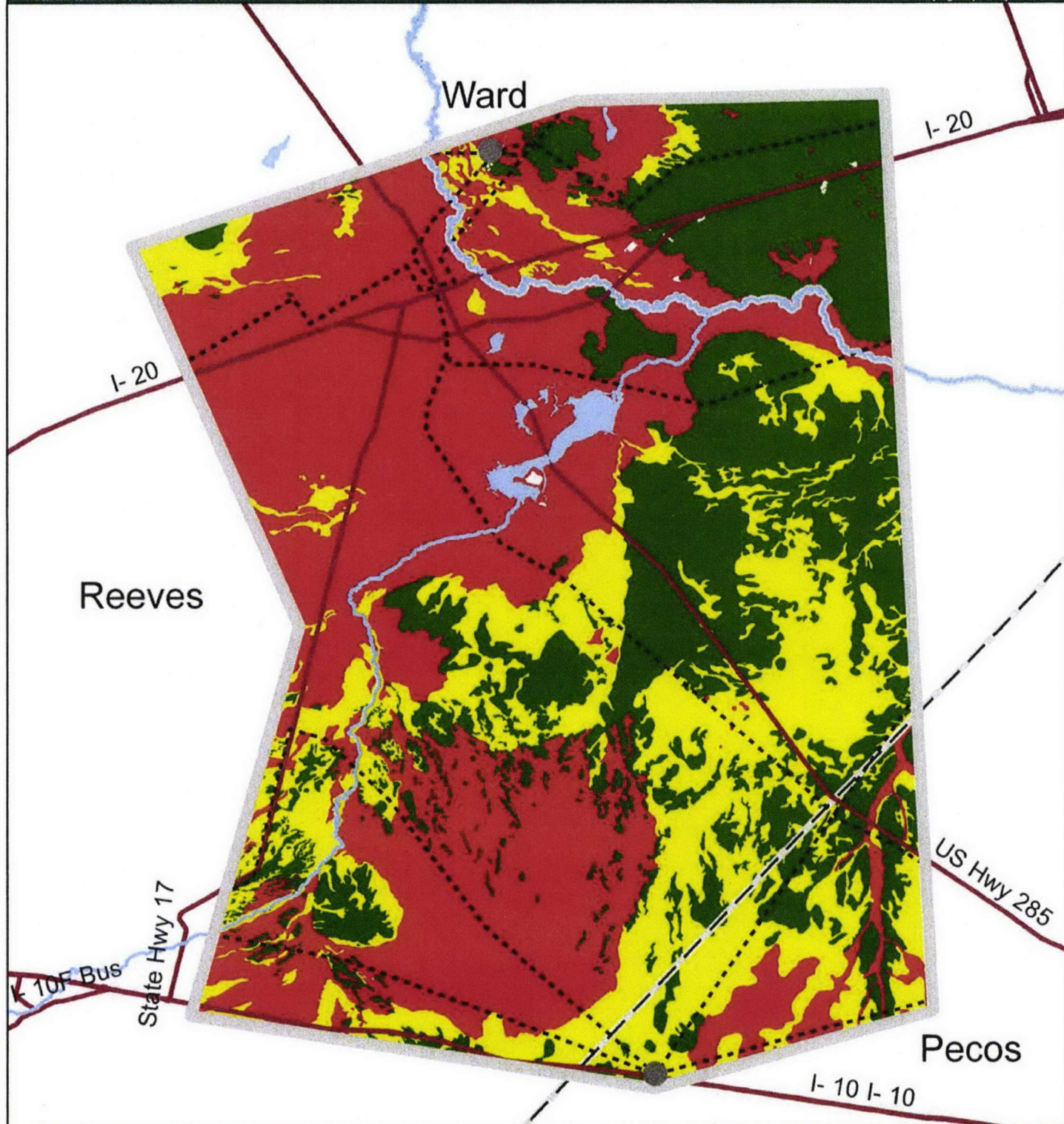
Pecos

- Existing Transmission Line
Switches
County Boundary
Waterbody
Roads
- Linear Extensibility**
- Low (0 - 3%)
 - Moderate (3 - 6%)
 - High (6 - 9%)
 - Very High (9 - 30%)



A-59

This map was produced by the USDA-
Natural Resources Conservation Service (NRCS)
Soils Section
101 South Main Street
Temple, TX 76501
Revision Date: January 18, 2018
Datum: NAD 83
Projection: Geographic Coordinate System
Project ID: HE080718AV04
USDA is an equal opportunity provider, employer, and lender.



This map was produced by the USDA-Natural Resources Conservation Service (NRCS) Soils Section 101 South Main Street Temple, TX 76501

Revision Date: January 18, 2018
Datum: NAD 83
Projection: Geographic Coordinate System

Project ID: HE080718AV02

USDA is an equal opportunity provider, employer, and lender.



May 24, 2018
AVO 34437

Ms. Terri Moore
Executive Director
Permian Basin Regional Planning Commission
PO Box 60660
Midland, TX 79711-0600

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Ms. Moore:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Permian Basin Regional Planning Commission within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-61

251



Permian Basin Regional Planning Commission

P.O. BOX 60660 • 2910 LAFORCE BOULEVARD • MIDLAND, TEXAS 79711-0660 • (432) 563-1061 • FAX (432) 563-1728

TERRI MOORE
Executive Director

June 08, 2018

Mr. Russell Marusak
Environmental/Natural Resources Team Leader
HALFF Associates, Inc.
1201 North Bowser Rd
Richardson, TX 75081-2275

RE: Request for Regional Review and Comment – Oncor Electric Delivery, proposed Sand Lake-Solstice 345 kV Transmission Line Project in Reeves, Ward, and Pecos Counties, Texas.

Dear Mr. Marusak:

Thank you for your letter and map detailing the proposed Sand Lake Transmission project. The Permian Basin Regional Planning Commission does not have information regarding environmental and land issues in the proposed developments.

We support the importance of your office notifying the following chief elected officials representing the affected areas as follows:

Pecos County Judge Joe Shuster, 103 W. Callaghan, Fort Stockton, TX 432-336-2792
Ward County Judge Greg Holly, Ward County Courthouse, Monahans, TX 432-943-3209
Reeves County Judge W.J. Bang MD, 100 E. 4th St., Suite 207, Pecos, TX 432-445-5418

Please let me know if you have any further request for information.

Sincerely,

Virginia Belew
Regional Services Director

received
JUNE 15, 2018

ESTABLISHED TO SERVE THE PERMIAN BASIN

1971

A-62

252



May 24, 2018
AVO 34437

Mr. Larry Hargrave
Program Specialist
Railroad Commission of Texas
PO Box 12967
Austin, TX 78701-2967

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Hargrave:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Railroad Commission of Texas within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-63

253



May 24, 2018
AVO 34437

Mr. Abel Baeza
District Manager
Reeves County Water Improvement District 1
PO Box 185
Balmorhea, TX 79728-0185

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Baeza:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Reeves County Water Improvement District 1 within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM



May 24, 2018
AVO 34437

Mr. Cecil J. Lee
President
Reeves County Water Improvement District 2
PO Box 1331
Pecos, TX 79772-1331

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Lee:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Reeves County Water Improvement District 2 within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0096

WWW.HALFF.COM

A-65

255



May 24, 2018
AVO 34437

TRANSMITTED VIA EMAIL: j.l.hughes@mail.utexas.edu

Mr. Brian Roberts, Director
The University of Texas at Austin
Texas Archeological Research Laboratory
1 University Station, R7500
Austin, TX 78712

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Roberts:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to Texas Archeological Research Laboratory within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL: (214) 346-6200
FAX: (214) 759-0096

WWW.HALFF.COM

A-66

256



May 24, 2018
AVO 34437

Mr. David Fulton, Director
Aviation Division
Texas Department of Transportation
125 East 11th Street
Austin, TX 78701-2409

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Fulton:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Texas Department of Transportation within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHTERDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-67

257



May 24, 2018
AVO 34437

Mr. John R. Speed, District Engineer
Odessa District
Texas Department of Transportation
3901 E. US Highway 80
Odessa, TX 79761-3522

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Speed:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to TxDOT – Odessa District within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1701 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-68

258



3901 E HIGHWAY 80, ODESSA, TEXAS 79761 | 432.498.4697 | WWW.TXDOT.GOV

June 11, 2018

Russell Marusak
Environmental/Natural Resources Team Leader
Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake-Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Marusak:

The Odessa District of the Texas Department of Transportation (TxDOT) has completed its review of the proposed project information received on May 29, 2018 concerning the above transmission line project.

Due to lack of specific project information, the Odessa District can only speculate as to the additional potential environmental and land use issues and impacts within the broad corridor shown and, as such, no additional comments are offered. However, Oncor should be advised of potential required coordination with other state, federal and local entities.

Oncor should also be made aware that utility installation requests are required for accommodation of utility facilities on the state highway right of way (ROW). All requests must be submitted through the TxDOT Utility Installation Review (UIR) System found at <https://apps.dot.state.tx.us/apps/UIRPROv2/>.

Additionally, driveway/access permits are required for access connections to the state highway system. TxDOT Form 1058 - Permit to Construct Access Driveway Facilities on Highway Right of Way, coupled with the Commercial and Industrial Driveway Access Request Form shall be completed and submitted to TxDOT for consideration of each proposed access/driveway location.

Thank you for affording TxDOT the opportunity to comment on this proposed project. If you have any questions or require further assistance, please contact me at (432) 498-4772 or robert.ornelas@txdot.gov.

Sincerely,

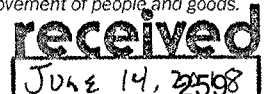
Robert Ornelas, P.E.
Director of Transportation
Planning and Development
Odessa District

OUR VALUES: People • Accountability • Trust • Honesty

OUR MISSION: Through collaboration and leadership, we deliver a safe, reliable, and integrated transportation system that enables the movement of people and goods.

An Equal Opportunity Employer

A-69





May 24, 2018
AVO 34437

Mr. Carlos Swonke, Director
Office of Environmental Affairs
Texas Department of Transportation
125 East 11th Street
Austin, TX 78701-2409

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Swonke:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to TxDOT—Office of Environmental Affairs within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", with a horizontal line extending to the right.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 732-0085

WWW.HALFF.COM

A-70

260



May 24, 2018
AVO 34437

Mr. George P. Bush
Commissioner
Texas General Land Office
1700 North Congress Avenue
Austin, TX 79756

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Commissioner Bush:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Texas General Land Office within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-71

261



TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

May 30, 2018

Russell Marusak
Halff Associates, Inc.
1201 North Bowser Road
Richardson, TX 75081-2275

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake-Solstice 345 kV transmission line project in Reeves, Ward and Pecos Counties, Texas

Dear Mr. Marusak:

On behalf of Commissioner Bush, I would like to thank you for your letter concerning the above-referenced project.

Using your map depicting the project's work area, it does not appear that the General Land Office will have any environmental issues or land use constraints at this time.

When a final route for this proposed project has been determined, please contact me and we can assess the route to determine if the project will cross any streambeds or Permanent School Fund (PSF) land that would require an easement from our agency.

In the interim, if you would like to speak to me further on this project, I can be reached by email at glenn.rosenbaum@glo.texas.gov or by phone at (512) 463-8180.

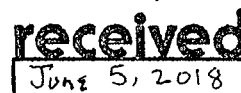
Again, thank you for your inquiry.

Sincerely,


Glenn Rosenbaum

Manager, Right-of-Way Department
Leasing Operations

1700 North Congress Avenue, Austin, Texas 78701-1495
P.O. Box 12873, Austin, Texas 78711-2873
512-463-5001 glo.texas.gov





May 24, 2018
AVO 34437

Mr. Mark Wolfe
Executive Director
Texas Historical Commission
PO Box 12276
Austin, TX 78701-2276

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Wolfe:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Texas Historical Commission within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", with a horizontal line extending to the right.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2276

TEL (214) 346-6200
FAX (214) 739-0096

WWW.HALFF.COM

A-73

263

TEXAS HISTORICAL COMMISSION
real places telling real stories

June 4, 2018

Russel Marusak
Halff Associates
1201 North Bowser Road
Richardson, TX 75081-2275

Re: Project review under the National Historic Preservation Act: *Oncor Electric Delivery company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas.* (THC # 201810095)

Thank you for your correspondence describing the above referenced project. This letter serves as comment on the proposed undertaking from the State Historic Preservation Officer, the Executive Director of the Texas Historical Commission.

The review staff, led by Arlo McKee, has examined our records. According to our maps, the proposed study area contains numerous previously recorded archeological sites. However, much of the area has never been surveyed by a professional archeologist and is likely to contain additional historic and archeological resources. Moreover, there exists a high potential for undocumented cultural deposits due to the numerous draws, playas, and Toyah Creek within the confines of the study area.

Once the transmission line route has been selected, the project area will need to be surveyed by a professional archeologist prior to initiating any ground disturbance to demonstrate a good faith effort to identify historic properties that may be adversely affected by these activities, as defined in 36 CFR 800. We recommend consulting with a professional archeologist early in the project process to perform a records search and to identify high probability areas for archeological survey. By consulting with a professional archeologist, previously recorded archeological resources may be avoided. Please submit these results, recommended survey areas, and a scope of work for our concurrence.

If the survey is being performed on public land or within a public easement, your contract archeologist must obtain an Antiquities Permit from our office before any investigations are undertaken. An Antiquities Permit can be issued as soon as we have a completed permit application. A report of the investigations should be produced in conformance with the Secretary of the Interior's Guidelines for Archaeology and Historic Preservation and submitted to this office for review.

Thank you for your cooperation in this federal review process, and for your efforts to preserve the irreplaceable heritage of Texas. **If you have any questions concerning our review or if we can be of further assistance, please contact Arlo McKee at 512/463-5711 or Arlo.McKee@thc.texas.gov.**

Sincerely,



for
Mark Wolfe, State Historic Preservation Officer

received
June 11, 2018





May 24, 2018
AVO 34437

TRANSMITTED VIA EMAIL: WHAB@tpwd.texas.gov

Ms. Jessica E. Schmerler, Habitat Assessment Biologist
Habitat Assessment Program
Texas Parks and Wildlife Department
4200 Smith School Road
Austin, TX 78744

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Ms. Schmerler:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Texas Parks and Wildlife Department within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

CC: Email only – Ms. Jessica Schmerler via Jessica.Schmerler@tpwd.texas.gov



Life's better outside.®

Commissioners

Ralph H. Duggins
Chairman
Fort Worth

S. Reed Morian
Vice-Chairman
Houston

T. Dan Friedkin
Houston

Anna B. Galo
Laredo

Bill Jones
Austin

Jeanne W. Latimer
San Antonio

James H. Lee
Houston

Dick Scott
Wimberley

Kelcy L. Warren
Dallas

Lee M. Bass
Chairman-Emeritus
Fort Worth

Carter P. Smith
Executive Director

August 1, 2018

Mr. Russell Marusak
Environmental Scientist
Halff Associates, Inc.
1201 North Bowser Road
Richardson, TX 75081

RE: Oncor Electric Delivery Company, LLC and AEP Texas Inc. Proposed
Sand Lake to Solstice 345-kilovolt Transmission Line Project; Pecos,
Reeves, and Ward Counties, Texas

Dear Mr. Marusak:

Texas Parks and Wildlife Department (TPWD) received the preliminary information request regarding the above-referenced proposed transmission line project. TPWD staff has reviewed the information provided and offers the following comments and recommendations concerning this project.

Please be aware that a written response to a TPWD recommendation or informational comment received by a state governmental agency may be required by state law. For further guidance, see the Texas Parks and Wildlife (TPW) Code, Section 12.0011. For tracking purposes, please refer to TPWD project number 40363 in any return correspondence regarding this project.

Project Description

Oncor Electric Delivery Company, LLC (Oncor) and AEP Texas Inc. (AEP) are jointly proposing to construct a new 345-kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

received
08-06-2018

Recommendation: TPWD recommends using existing facilities whenever possible. Where new construction is the only feasible option, TPWD recommends routing new transmission lines along existing roads, pipelines, transmission lines, or other utility rights-of-way (ROW) and easements to reduce habitat fragmentation. By utilizing previously disturbed, existing utility corridors, county roads, and highway ROW, adverse impacts to fish and wildlife resources would be mitigated by avoiding and/or minimizing the impacts to undisturbed habitats. Please see the attached *TPWD Recommendations for Electrical Transmission/Distribution Line Design and Construction*. Please review the recommendations and incorporate these measures into design and construction plans.

Conservation Easements

There are no conservation easements (known to TPWD) within the study area. A conservation easement is a legal agreement between a landowner and a land trust or governmental agency that permanently limits uses of the land (including future fragmentation) to protect and conserve the land's natural values such as fertile soils, mature trees, and wildlife habitat. Lands with conservation easements protect existing wildlife habitat from future fragmentation and therefore have greater environmental integrity than comparable lands without conservation easements. Potential fragmentation of wildlife habitat from transmission line construction on properties where conservation agreements serve to protect the state's natural resources now and in the future is of concern to TPWD. TPWD notes that although there are no conservation easements known to TPWD within the study area, there still may be conservation easements located within the study area.

Recommendation: TPWD recommends properties protected by conservation easements be identified in the constraints analysis and avoided during development of alternative routes. Data sources for the location of these properties include online databases such as the Protected Areas Data Portal and the National Conservation Easement Database, as well as available county records. If properties protected by conservation easements would be affected, TPWD recommends the length of routes through these properties be included in any accounting of alternative route impacts presented in the EA.

Managed Areas

The following publicly managed areas tracked by TPWD are present within the study area. A map showing these managed areas is attached for your reference.

Maxey Park (City of Pecos)

Mr. Russell Marusak
Page 3 of 15
August 1, 2018

Name Unknown Park (City of Pecos)
Name Unknown Park (City of Pecos)
Reeves County Golf Course (Reeves County)

Chapter 26 of the Texas Parks and Wildlife Code provides that a department, agency, political subdivision, county, or municipality of this state may not approve any program or project that requires the use or taking of public lands unless it holds a public hearing and determines that there is “no feasible and prudent alternative to the use or taking of such land”, and the project “includes all reasonable planning to minimize harm to the land...resulting from the use or taking.” If TPWD Park Grant funds were used for any of the above-listed parks, then coordination with the Grants-In-Aid Branch of TPWD and local park administrators is necessary to prevent conversion of grant assisted lands to other than public outdoor recreation use – as prohibited by Section 6(f) of the Land and Water Conservation Act.

Recommendation: TPWD recommends avoiding route placement in or near public recreation areas. TPWD is concerned with the placement of transmission lines in close proximity to these sites and the potential for visual impacts to the view shed. Therefore, TPWD recommends considering route alternatives that avoid managed areas.

Water Resources

Federal Law: Clean Water Act

Section 404 of the Clean Water Act establishes a federal program to regulate the discharge of dredged and fill material into the waters of the United States, including wetlands. The U.S. Army Corps of Engineers (USACE) and the Environmental Protection Agency are responsible for regulating water resources under this act. Although the regulation of isolated wetlands has been removed from the USACE permitting process, both isolated and jurisdictional wetlands provide habitat for wildlife and help protect water quality.

As seen on the attached water resources map, several water crossings are located within the study area. Water features located within the study area include the Pecos River, Toyah Creek, Toyah Lake, and Mosquito Lake.

Recommendation: If the proposed project would impact waterways or associated wetlands, TPWD recommends consulting with the USACE for potential impacts to waters of the United States including jurisdictional determinations, delineations, and mitigation. All waterways and associated floodplains, riparian corridors, springs, and wetlands, regardless of their

jurisdictional status, provide valuable wildlife habitat and should be protected to the maximum extent possible. Natural buffers contiguous to any wetlands or aquatic systems should remain undisturbed to preserve wildlife cover, food sources, and travel corridors. During construction, trucks and equipment should use existing bridge or culvert structures to cross creeks, and equipment staging areas should be located in previously disturbed areas outside of riparian corridors.

Destruction of inert microhabitats in waterways such as snags, brush piles, fallen logs, creek banks, pools, and gravel stream bottoms should be avoided, as these provide habitat for a variety of fish and wildlife species and their food sources. Erosion controls and sediment runoff control measures should be installed prior to construction and maintained until disturbed areas are permanently revegetated using site-specific native vegetation. Measures should be properly installed in order to effectively minimize the amount of sediment and other debris entering the waterway.

Ecologically Significant Stream Segment

The study area contains Toyah Creek which has been designated as an Ecologically Significant Stream Segment (ESSS) from the confluence with the Pecos River in Reeves County upstream to FM 1450 in Reeves County. The designation is based on the presence of threatened or endangered species/unique communities (Comanche Springs pupfish [Federally- and State-listed Endangered]).

TPWD has identified ESSSs throughout the state to assist regional water planning groups in identifying ecologically unique stream segments under Texas Administrative Code (TAC) Title 31 357.43 and 358.2. Until approved by the legislature this is not a legal designation. The stream segments are identified through extensive review by TPWD staff and are determined to be ecologically important due to one or more of the following criteria: biological function; hydrologic function; riparian conservation areas; high water quality/exceptional aquatic life/high aesthetic value; or threatened or endangered species/unique communities. Additional information on ESSSs may be found on TPWD's website.

Recommendation: TPWD recommends avoiding impacts to Toyah Creek due to its ecological significance. TPWD generally recommends avoiding routing transmission lines over streams and avoiding construction in and near riparian areas when possible.

Migratory Birds

Federal Law: Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) prohibits direct and affirmative purposeful actions that reduce migratory birds, their eggs, or their nests, by killing or capturing, to human control, except when specifically authorized by the Department of the Interior. This protection applies to most native bird species, including ground nesting species. The U.S. Fish and Wildlife Service (USFWS) Migratory Bird Office can be contacted at (505) 248-7882 for more information on potential impacts to migratory birds.

As discussed above, several water crossings are located within the study area. Please note that birds typically establish flight corridors along and within river and creek drainages. There is potential for electrocution and collision of large-bodied waterfowl and avian predators with electrical wires near these water features.

Recommendation: TPWD recommends routing the transmission line to avoid crossing or disturbing water resources in the project area to the extent feasible. Lines that cross or are located near rivers, creeks, springs, drainages, and wetlands should have line markers installed at the crossings or closest points to the drainages to reduce potential collisions by birds flying along or near the drainages.

For additional information, please see the guidelines published by the USFWS and the Avian Power Lines Interaction Committee (APLIC) in the updated guidance document *Reducing Avian Collisions with Power Lines: State of the Art in 2012*. This manual, released on December 20, 2012, identifies best practices and provides specific guidance to help electric utilities and cooperatives reduce bird collisions with power lines. A companion document, *Suggested Practices for Avian Protection on Power Lines*, was published by APLIC and the USFWS in 2006. For more information on both documents, please visit the APLIC website.

Recommendation: If migratory bird species are found nesting on or adjacent to the project area, they must be dealt with in a manner consistent with the MBTA. TPWD recommends excluding vegetation clearing activities during the general bird nesting season, March 15 through September 15, to avoid adverse impacts to breeding birds. If clearing vegetation during the migratory bird nesting season is unavoidable, TPWD recommends surveying the area proposed for disturbance, as close to the date of construction as possible, to ensure that no nests with eggs or young will be disturbed by operations. TPWD recommends that a 150-foot buffer of vegetation remain around any

nests that are observed prior to disturbance. Any vegetation (such as trees, shrubs, and grasses) or other open areas where occupied nests are located should not be disturbed until the eggs have hatched and the young have fledged.

Federally-listed Species

Federal Law: Endangered Species Act

Federally-listed animal species and their habitats are protected from “take” on any property by the Endangered Species Act (ESA). Take of a federally-listed species can be allowed if it is “incidental” to an otherwise lawful activity and must be permitted in accordance with Section 7 or 10 of the ESA. Federally-listed plants are not protected from take except on lands under federal/state jurisdiction or for which a federal/state nexus (i.e., permits or funding) exists. Any take of a federally-listed species or its habitat without the required take permit (or allowance) from the USFWS is a violation of the ESA.

Texas Natural Diversity Database (TXNDD) records within and adjacent to the study area are shown on the attached TXNDD map for your reference.

The TXNDD is intended to assist users in avoiding harm to rare species or significant ecological features. Given the small proportion of public versus private land in Texas, the TXNDD does not include a representative inventory of rare resources in the state. Absence of information in the database does not imply that a species is absent from that area. Although it is based on the best data available to TPWD regarding rare species, the data from the TXNDD do not provide a definitive statement as to the presence, absence or condition of special species, natural communities, or other significant features within your project area. These data are not inclusive and **cannot be used as presence/absence data**. This information cannot be substituted for on-the-ground surveys. The TXNDD is updated continuously based on new, updated and undigitized records; for questions regarding a record, please contact TexasNatural.DiversityDatabase@tpwd.texas.gov.

*Pecos sunflower (*Helianthus paradoxus*) – Federally- and State-listed Threatened*

There is one TXNDD record for the Pecos sunflower located within the study area. The Pecos sunflower is restricted to saline, calcareous, heavy-textured soils around cienegas. This species is usually most abundant on perennially wet soils of subirrigated terraces just above the wettest sites. The Pecos sunflower flowers from August to November.

Mr. Russell Marusak
Page 7 of 15
August 1, 2018

Recommendation: TPWD recommends the project area be surveyed for the Pecos sunflower where suitable habitat may be present, prior to construction. The survey should be performed by a qualified biologist at the time of year when the species is most likely to be found, usually during the species flowering period. If this species is present, plans should be made to avoid adverse impacts to the greatest extent possible. If plants are found in the path of construction, including the placement of staging areas and other project related sites, this office should be contacted for further coordination and possible salvage of plants and/or seeds for seed banking. Plants not in the direct path of construction should be protected by markers or fencing and by instructing construction crews to avoid any harm. The USFWS should be contacted for species occurrence data, guidance, permitting, survey protocols, and mitigation for this federally-listed species.

State-listed Species

Parks and Wildlife Code – Chapter 64, Birds

TPW Code Section 64.002, regarding protection of nongame birds, provides that no person may catch, kill, injure, pursue, or possess a bird that is not a game bird. TPW Code Section 64.003, regarding destroying nests or eggs, provides that, no person may destroy or take the nests, eggs, or young and any wild game bird, wild bird, or wild fowl. TPW Code Chapter 64 does not allow for incidental take and therefore is more restrictive than the MBTA.

Recommendation: Please review the *Migratory Bird Treaty Act* section above for recommendations as they are also applicable for Chapter 64 of the Parks and Wildlife Code compliance.

Parks and Wildlife Code, Section 68.015

Section 68.015 of the Parks and Wildlife Code regulates state-listed species. Please note that there is no provision for the capture, trap, take, or kill (incidental or otherwise) of state-listed species. A copy of *TPWD Guidelines for Protection of State-Listed Species*, which includes a list of penalties for take of species, is attached for your reference. State-listed species may only be handled by persons with authorization obtained through TPWD. For more information, please contact the Wildlife Permits Office at (512) 389-4647.

*Texas horned lizard (*Phrynosoma cornutum*)*

The project area may provide suitable habitat for the state-listed Texas horned lizard. TPWD also notes that there are five research-grade iNaturalist observations

of the Texas horned lizard located just outside of the study area (www.inaturalist.org). If present in the project area, the Texas horned lizard could be impacted by ground disturbing activities from construction. A useful indication that the Texas horned lizard may occupy the site is the presence of harvester ant (*Pogonomyrmex barbatus*) nests since harvester ants are the primary food source of Texas horned lizards. Texas horned lizards may hibernate on-site in loose soils a few inches below ground during the cool months from September/October to March/April. Construction in these areas could harm hibernating lizards. Horned lizards are active above ground when temperatures exceed 75 degrees Fahrenheit. If horned lizards (nesting, gravid females, newborn young, lethargic from cool temperatures or hibernation) cannot move away from noise and approaching construction equipment in time, they could be affected by construction activities.

Recommendation: TPWD recommends having a qualified biologist survey the proposed project site for any Texas horned lizards that may be in the area that is proposed for disturbance. As previously mentioned, a useful indication that the Texas horned lizard may occupy the site is the presence of harvester ant nests. The survey should be performed during the warm months of the year when the horned lizards are active. If horned lizards are found on-site, TPWD recommends relocating them off-site to an area that is close-by and contains similar habitat. TPWD recommends that any translocations of reptiles be the minimum distance possible no greater than one mile, preferably within 100 to 200 yards from the initial encounter location. After horned lizard removal, the area that will be disturbed during active construction and project specific locations should be fenced off to exclude horned lizards and other reptiles.

The exclusion fence should be constructed and maintained as follows:

- a. The exclusion fence should be constructed with metal flashing or drift fence material.
- b. Rolled erosion control mesh material should not be used.
- c. The exclusion fence should be buried at least 6 inches deep and be at least 24 inches high.
- d. The exclusion fence should be maintained for the life of the project and only removed after the construction is completed and the disturbed site has been revegetated.
- e. Any open trenches or excavation areas should be covered overnight and/or inspected every morning to ensure no Texas horned lizards or other wildlife have been trapped. For open trenches and excavated pits, install escape ramps at an angle of less than 45 degrees (1:1) in areas left uncovered. Also, inspect excavation areas for trapped wildlife prior to refilling.

Recommendation: If the site is found to contain unavoidable habitat of the Texas horned lizard, then TPWD recommends a permitted biological monitor be present during clearing and construction activities to relocate Texas horned lizards encountered during construction. TPWD also recommends providing contractor training where feasible. Because the biological monitor cannot oversee all construction activity at the same time, it's important for the contractor to be able to identify protected species and to be on the lookout for them during construction. TPWD also recommends avoiding impacts to harvester ant mounds where feasible. TPWD understands that ant mounds in the direct path of construction would be difficult to avoid, but contractors should be mindful of these areas when deciding where to place project specific locations and other disturbances associated with construction. If the presence of a biological monitor during construction is not feasible, state-listed species observed during construction should be allowed to safely leave the site.

Pecos pupfish (*Cyprinodon pecosensis*)

There is one TXNDD record for the state-listed Pecos pupfish within the study area (specifically within the Pecos River). There are additional records for this species just outside of the study area as well. This species is presently restricted to the upper Pecos River basin only and inhabits shallow margins of clear, vegetated spring waters high in calcium carbonate, as well as in sinkhole habitats.

Recommendation: TPWD recommends taking measures to avoid impacts to aquatic and riparian habitats, which would help minimize impacts to the Pecos pupfish. Waterways in the project area should be spanned, and care should be taken to avoid multiple crossings of creeks and rivers or installing lines parallel to waterways and therefore removing large sections of riparian habitat. River and creek crossings should be located in previously disturbed areas to avoid further fragmentation of the riparian corridors associated with these waterways. TPWD also recommends avoiding construction during the spawning period of the Pecos pupfish if feasible. Avoiding construction during a species' spawning period may reduce the potential for adverse impacts to water quality and the habitat of this species.

Rare Species

In addition to state and federally-protected species, TPWD tracks special features, natural communities, and rare species that are not listed as threatened or endangered. These species and communities are tracked in the TXNDD, and TPWD actively promotes their conservation. TPWD considers it important to evaluate and, if necessary, minimize impacts to rare species and their habitat to

reduce the likelihood of endangerment and preclude the need to list these species as threatened or endangered in the future.

There are TXNDD records for the following rare plants located within the study area:

Cienega false clappia-bush (*Pseudoclappia arenaria*) – 3 TXNDD records
Wright's trumpets (*Acleisanthes wrightii*) – 1 TXNDD record
Grayleaf rock-daisy (*Perityle cinerea*) – 1 TXNDD record

Cienega false clappia-bush is found mostly in alkali sacaton (*Sporobolus airoides*) grasslands on alkaline, gypseous, or saline soils of alluvial flats around cienegas, playa lakes and other desert wetlands. Cienega false clappia-bush is perennial and flowers spring through summer.

Grayleaf rock-daisy is a Texas endemic and is found in crevices in dry limestone caprock of mesas and flowers spring through fall.

Wright's trumpets is found in open semi-desert grasslands and shrublands, on shallow stony soils over limestone, as well as on low hills and flats. Wright's trumpets is perennial and flowers spring through fall, probably also in response to rains.

Recommendation: TPWD recommends surveying the project area for the above-listed rare plant species where suitable habitat may be present, prior to construction. The survey should be performed by a qualified biologist at the time of year when these species are most likely to be found, usually during their respective flowering periods. If any of these species are present, plans should be made to avoid adverse impacts to the greatest extent possible. If plants are found in the path of construction, including the placement of staging areas and other project related sites, this office should be contacted for further coordination and possible salvage of plants and/or seeds for seed banking. Plants not in the direct path of construction should be protected by markers or fencing and by instructing construction crews to avoid any harm.

Speckled chub (*Macrhybopsis aestivalis*)

There is one TXNDD record for the speckled chub located within the study area. This species usually occurs in sand and gravel runs of small to large rivers.

Headwater catfish (*Ictalurus lupus*)

There is one TXNDD record for the headwater catfish located within the study area. This species is currently limited to Rio Grande drainage, including the Pecos River basin, springs, and sandy and rocky riffles, runs, and pools of clear creeks and small rivers.

Recommendation: Please see the recommendations in the *State-listed Species* section of this letter for the Pecos pupfish as those recommendations are applicable to the speckled chub and headwater catfish.

Black-tailed prairie dog (*Cynomys ludovicianus*)

There is one TXNDD record for the black-tailed prairie dog located within the study area (and several additional records for this species located just outside of the study area). Black-tailed prairie dogs inhabit dry, flat, short grasslands with low, relatively sparse vegetation, including areas overgrazed by cattle. The black-tailed prairie dog is a keystone species that provides food and/or shelter for rare species tracked by TPWD such as the ferruginous hawk and the western burrowing owl, as well as many other wildlife species.

Recommendation: TPWD recommends surveying the project area for prairie dog towns or burrows and species that depend on them. If prairie dog towns or burrows are found in the study area, TPWD recommends avoiding these areas during construction and installing exclusion fence to keep prairie dogs from entering the project area. If prairie dog burrows will be disturbed as a result of the proposed project, TPWD recommends non-harmful exclusion methods be used to encourage the animals to vacate the area prior to disturbance and discourage them from returning to the area during construction. If prairie dogs are encountered on the project site, TPWD recommends contacting a prairie dog relocation specialist. If impacting a portion of a larger colony, time relocation efforts and/or humane removal immediately before construction to discourage recolonization of the project area. Prairie dogs can be encouraged to move away from a project area by mowing overgrown adjacent areas. Conversely, prairie dogs can be discouraged from utilizing areas by not mowing and allowing grass or other tall vegetation to grow or by scraping all vegetation off the project site and leaving soil exposed.

Western burrowing owl (*Athene cunicularia hypugaea*)

While there are no TXNDD records for the western burrowing owl within the study area, suitable habitat for this species may be present. TPWD notes that there are several (10+) eBird observations for this species located within the study area (www.ebird.org). The western burrowing owl is a ground-dwelling owl that uses

the burrows of prairie dogs and other fossorial animals for nesting and roosting. When natural burrows are limited, this species will breed in urban habitats which may lead to problems for the owls or their young. The owls opportunistically live and nest in road and railway ROWs, parking lots, baseball fields, school yards, golf courses, and airports. They have also been found nesting on campuses, in storm drains, drainage pipes, and cement culverts, on banks, along irrigation canals, under asphalt or wood debris piles, or openings under concrete pilings or asphalt. The western burrowing owl is protected under the MBTA, and take of these birds, their nests, and eggs is prohibited. Potential impacts to the western burrowing owl could include habitat removal as well as displacement and/or destruction of nests and eggs if ground disturbance occurs during the breeding season.

Recommendation: TPWD recommends that the project area be surveyed for mammal burrows or any urban structures that may provide suitable habitat for burrowing owls. If mammal burrows or any urban structures that may provide suitable habitat would be disturbed as a result of the proposed project, TPWD recommends the burrows or structures be surveyed for burrowing owls. If nesting owls are found, disturbance should be avoided until the eggs have hatched and the young have fledged.

Hooded skunk (*Mephitis macroura*)

There is one TXNDD record for the hooded skunk located within the study area. The hooded skunk is found in grasslands, deserts, and in the foothills of mountains, avoiding high elevations. This species tends to live near a water source, such as a river.

Western hog-nosed skunk (*Conepatus leuconotus*)

There is one TXNDD record for the western hog-nosed skunk located within the study area. The western hog-nosed skunk inhabits a wide variety of habitats within its range, including woodlands, grasslands, deserts, brushy areas, and rocky canyons in mountainous regions. Dens are in rock crevices, hollow logs, underground burrows, caves, mine shafts, woodrat houses, or under buildings.

Western spotted skunk (*Spilogale gracilis*)

There is one TXNDD record for the western spotted skunk within the study area. The western spotted skunk can be found in open fields, prairies, croplands, fence rows, forest edges, and woodlands.

Recommendation: If during construction the project area is found to contain the rare species listed above, TPWD recommends that precautions be taken to avoid impacts to them.

Recommendation: Please review the TPWD county list for Pecos, Reeves, and Ward Counties, as rare and protected species in addition to those discussed in this letter could be present, depending upon habitat availability. The USFWS should be contacted for species occurrence data, guidance, permitting, survey protocols, and mitigation for federally-listed species.

Determining the actual presence of a species in a given area depends on many variables including daily and seasonal activity cycles, environmental activity cues, preferred habitat, transiency and population density (both wildlife and human). The absence of a species can be demonstrated only with great difficulty and then only with repeated negative observations, taking into account all the variable factors contributing to the lack of detectable presence. If encountered during construction, measures should be taken to avoid impacting all wildlife.

Vegetation

Based on a review of the Ecological Mapping Systems of Texas (also known as the Texas Ecological Systems Classification Project), the following ecological systems are found within the study area:

- Barren
- Native Invasive: Juniper Shrubland
- Native Invasive: Mesquite – Creosotebush Shrubland
- Native Invasive: Mesquite Shrubland
- Non-native Invasive: Giant Reed
- Non-native Invasive: Saltcedar Shrubland
- Open Water
- Row Crops
- Southwest: Tobosa - Mesquite Grassland
- Southwest: Tobosa Grassland
- Trans-Pecos: Creosotebush Scrub
- Trans-Pecos: Desert Cienega Marsh
- Trans-Pecos: Desert Deep Sand and Dune Shrubland
- Trans-Pecos: Desert Pavement
- Trans-Pecos: Desert Playa Grassland
- Trans-Pecos: Desert Wash Barren
- Trans-Pecos: Desert Wash Evergreen Shrubland

Mr. Russell Marusak
Page 14 of 15
August 1, 2018

- Trans-Pecos: Desert Wash Grassland
- Trans-Pecos: Desert Wash Shrubland
- Trans-Pecos: Gyp Barrens
- Trans-Pecos: Gyp Grassland
- Trans-Pecos: Gyp Shrubland
- Trans-Pecos: Hill and Foothill Grassland
- Trans-Pecos: Loamy Plains Grassland
- Trans-Pecos: Marsh
- Trans-Pecos: Mixed Desert Shrubland
- Trans-Pecos: Riparian Woodland
- Trans-Pecos: Salty Desert Grassland
- Trans-Pecos: Salty Desert Scrub
- Trans-Pecos: Sandy Desert Grassland
- Trans-Pecos: Sparse Creosotebush Scrub
- Trans-Pecos: Succulent Desert Scrub
- Urban High Intensity
- Urban Low Intensity

A map of the ecological systems in the study area is attached for your reference. Additional information about the Ecological Mapping Systems of Texas, including a link to download digital data, can be found at on the TPWD GIS Gallery website.

Recommendation: TPWD recommends minimizing impacts to native vegetation to the extent feasible during project design and construction. Unavoidable loss of native vegetation should be mitigated by revegetating areas disturbed by project activities with site-specific native species. A list of native plant species suitable for use in the project area can be developed to fit your specific site needs using the Lady Bird Johnson Wildflower Center Native Plant Database.

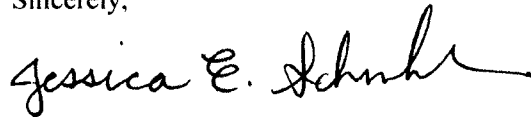
Texas Natural Diversity Database

Recommendation: To aid in the scientific knowledge of a species' status and current range, TPWD encourages reporting all encounters of rare, state-listed, and federally-listed species to the TXNDD according to the data submittal instructions found on the Texas Natural Diversity Database website.

Mr. Russell Marusak
Page 15 of 15
August 1, 2018

I appreciate the opportunity to provide preliminary input on potential impacts related to this project, and I look forward to reviewing the EA and alternative routes analysis. Please contact me at (512) 389-8054 or Jessica.Schmerler@tpwd.texas.gov if you have any questions.

Sincerely,

A handwritten signature in black ink, reading "Jessica E. Schmerler". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jessica E. Schmerler
Wildlife Habitat Assessment Program
Wildlife Division

JES:40363

Attachments (6)

cc: Ms. Karen Hubbard, PUC (w/out attachments)

TPWD Recommendations for Electrical Transmission/Distribution Line Design and Construction

Construction of the line should be performed to avoid adverse impacts not only to the environment but the local bird populations and to restore or enhance environmental quality to the greatest extent practical. In order to minimize the possible project effects upon wildlife, the following measures are recommended.

TPWD recommends that each electrical company develop an Avian Protection Plan to minimize the risks to avian species that are protected by the Migratory Bird Treaty Act.

Avian Electrocution Risks

Birds can be electrocuted by simultaneously contacting energized and/or grounded structures, conductors, hardware, or equipment. Electrocutions may occur because of a combination of biological and electrical design. Biological factors are those that influence avian use of poles, such as habitat, prey and avian species. The electrical design factor is most crucial to avian electrocutions is the physical separation between energized and/or grounded structures, conductors, hardware, or equipment that can be bridges by birds to complete a circuit. As a general rule, electrocution can occur on structures with the following:

- Phase conductors separated by less than the wrist-to-wrist or head-to-foot (flesh-to-flesh) distance of a bird;
- Distance between grounded hardware (e.g. grounded wires, metal braces) and any energized phase conductor that is less than the wrist-to-wrist or head-to-foot (flesh-to-flesh) distance of a bird (Avian Power Line Interaction Committee 2006).

To protect raptors and eagles, procedures should be followed as outlined in:

Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 2006. by Avian Power Line Interaction Committee (APLIC). 2006. Distributed by the Avian Power Line Interaction Committee (APLIC).

Mitigating Bird Collisions with Power Lines: the State of the Art in 1994.
Avian Power Line Interaction Committee (APLIC). 1994. Edison Electric Institute. Washington D.C.

Line alterations to prevent bird electrocutions should not necessarily be implemented after such events occur, as all electrocutions may not be known or documented. Incorporation of preventative measures along portions of the routes that are most attractive to birds (as indicated by frequent sightings) prior to any electrocutions is much preferred.

Preventative measures include: phase covers, bushing cover, arrester covers, cutout covers, jumper wire hoses, and covered conductors. In addition, perch discouragers may be used to deter birds from landing on hazardous (to birds) pole locations where isolate, covers, or other insulating techniques cannot be used (Avian Power Line Interaction Committee 2006).

Use wood or non-conducting cross arms, for distribution lines, to minimize the possibility of electrical contact with perching birds.

When possible, for distribution lines, install electrical equipment on the bottom cross arm to allow top cross arm for perching.

TPWD recommends using nest management strategies which include installing nesting platforms on or near power structures to provide nesting sites for several protected species while minimizing the risks of electrocution, equipment damage, or outages (Avian Power Line Interaction Committee 2006).

Avian Collision Risks

Birds typically establish flight corridors along and within river and creek drainages. Transmission lines that cross or are located very near these drainages should have line markers installed at the crossings or closest points to the drainages to reduce the potential of collisions by birds flying along or near the drainage corridors.

If transmission lines are located in an area with tall trees, the height of the transmission line should not be taller than the trees to reduce collision risks.

Transmission lines should be located to avoid separating feeding and nesting areas. If this cannot be avoided lines should be clearly marked to minimize avian collisions with the lines (Avian Power Line Interaction Committee 1994).

Transmission lines should be buried, when practical, to reduce the risks of avian collisions.

Habitat Impacts

Construction should avoid identified wetland areas. Coordination with appropriate agencies should be accomplished to ensure regulatory compliance. Construction should occur during dry periods.

Construction should attempt to minimize the amount of flora and fauna disturbed. Reclamation of construction sites should emphasize replanting with native grasses and leguminous forbs.

Existing rights-of-way should be used to upgrade facilities, where possible, in order to avoid additional clearing and prevent adverse impacts associated with habitat loss and fragmentation of existing blocks of wooded habitat.

Forest and woody areas provide food and cover for wildlife, these cover types should be preserved. Mature trees, particularly those which produce nuts or acorns, should be retained. Shrubs and trees should be trimmed rather than cleared.

Transmission lines should be designed to cross streams at right angles, at points of narrowest width, and/or at the lowest banks whenever feasible to provide the least disturbance to stream corridor habitat.

Implementation of wildlife management plans along rights-of-way should be considered whenever feasible.

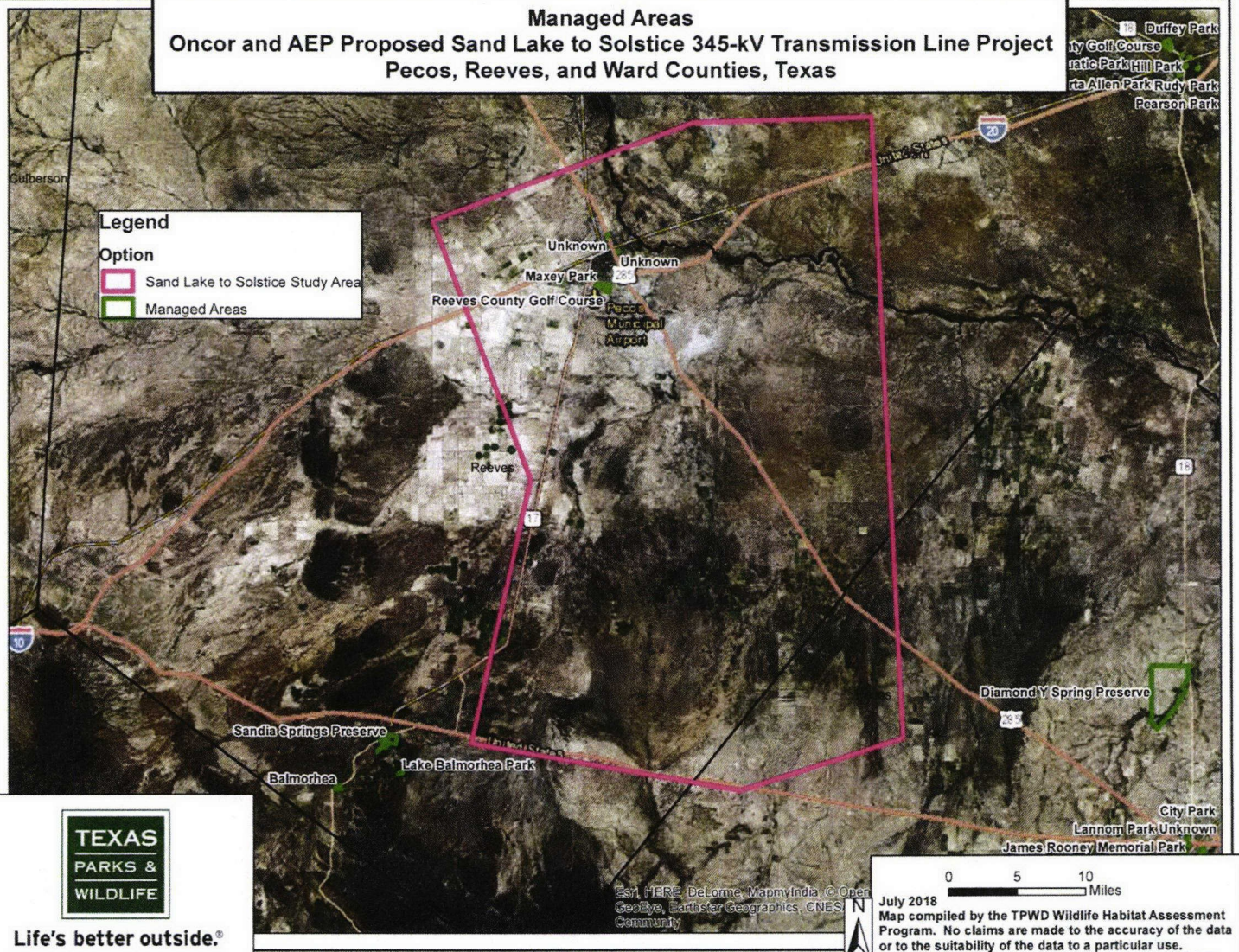
All pole design should be single phase (without arms), where possible, to preserve the aesthetics of the area.

Managed Areas **Oncor and AEP Proposed Sand Lake to Solstice 345-kV Transmission Line Project** **Pecos, Reeves, and Ward Counties, Texas**

Legend

Option

- Sand Lake to Solstice Study Area
- Managed Areas



Life's better outside.®

Map compiled by the TPWD Wildlife Habitat Assessment Program. No claims are made to the accuracy of the data or to the suitability of the data to a particular use.

0 5 10 Miles

July 2018

Map compiled by the TPWD Wildlife Habitat Assessment Program. No claims are made to the accuracy of the data or to the suitability of the data to a particular use.

N

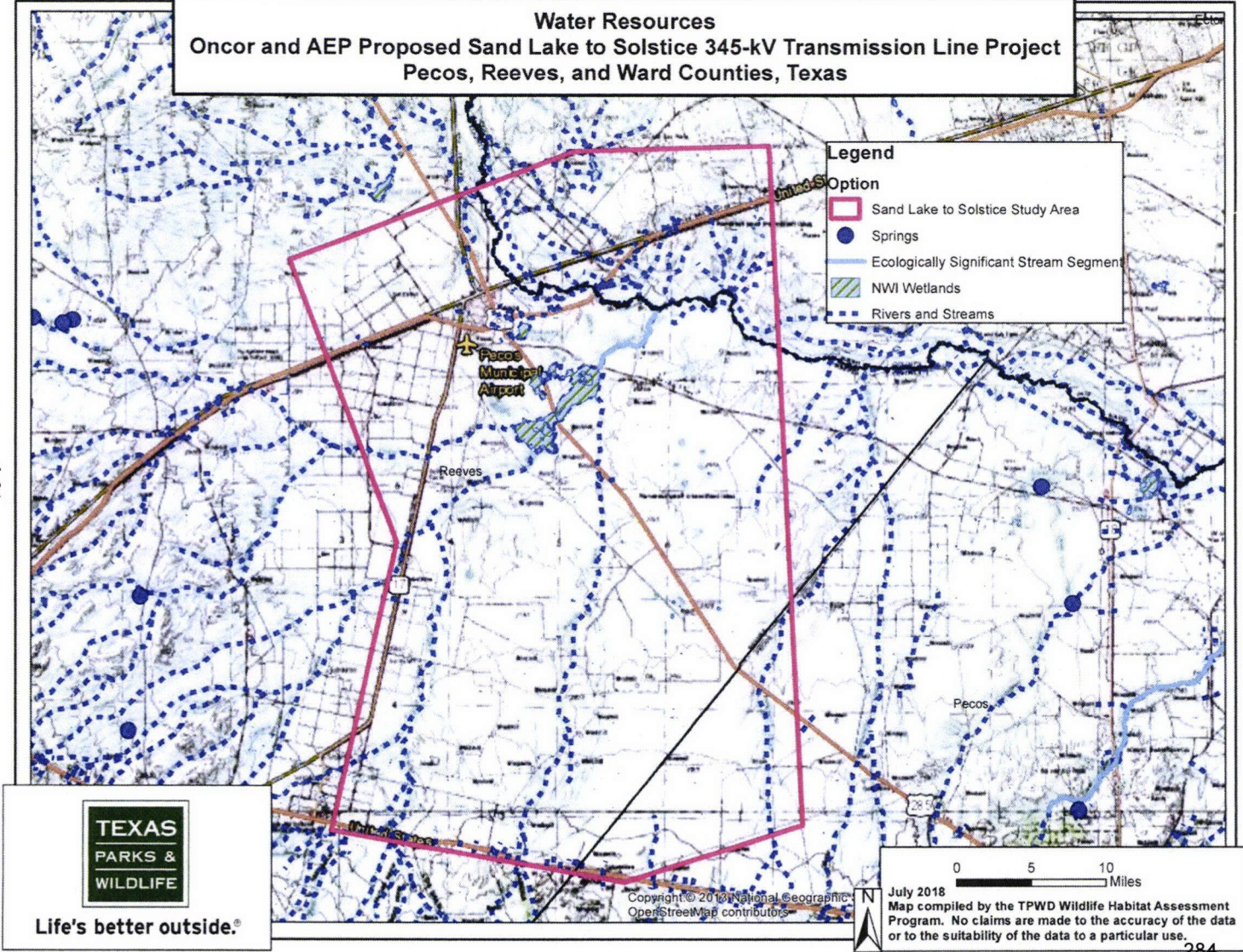
NOT TO SCALE

A-94

Page 19 of 22

Water Resources
Oncor and AEP Proposed Sand Lake to Solstice 345-kV Transmission Line Project
Pecos, Reeves, and Ward Counties, Texas

- Legend**
- Option**
- Sand Lake to Solstice Study Area
 - Springs
 - Ecologically Significant Stream Segment
 - NWI Wetlands
 - Rivers and Streams

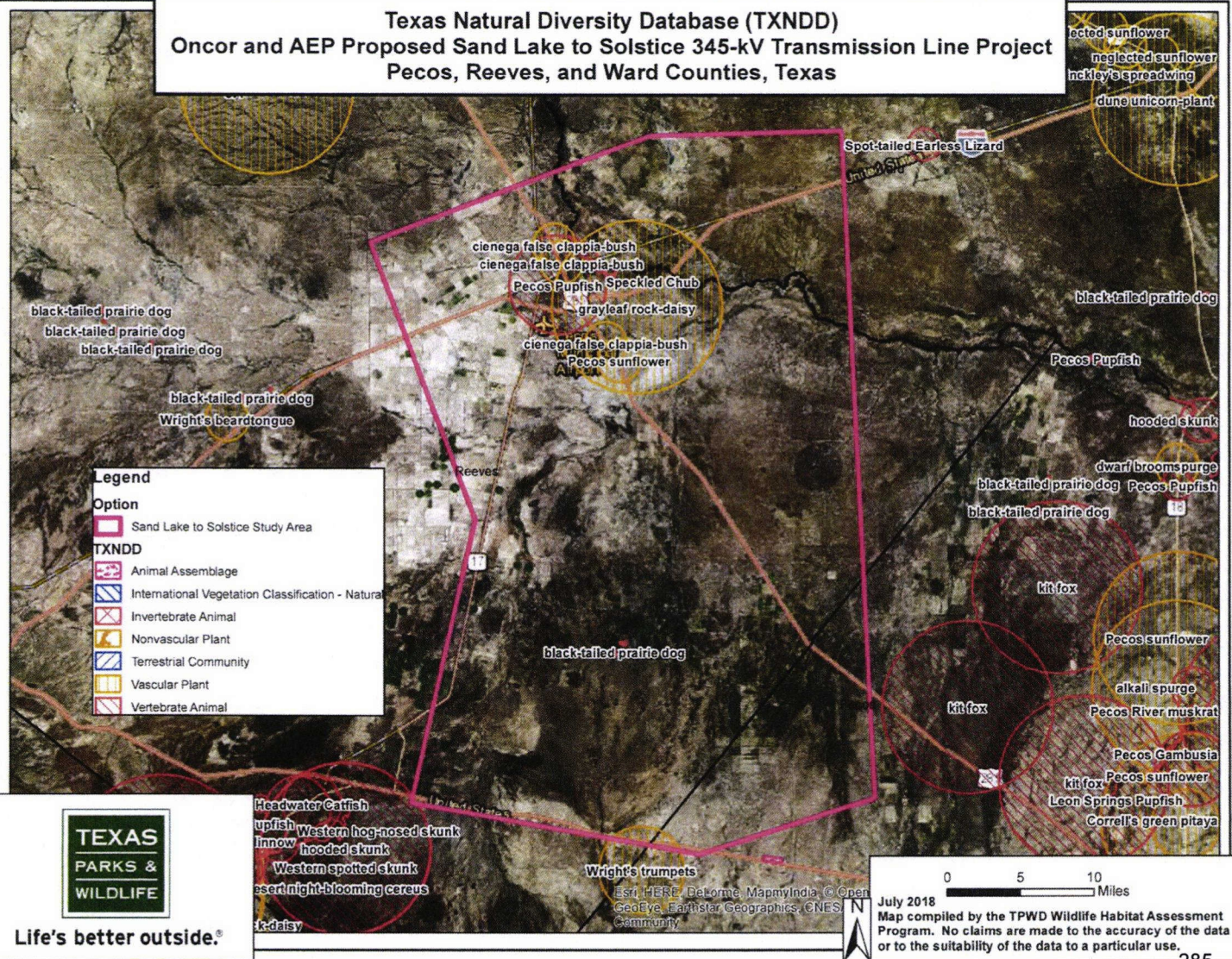


Life's better outside.®

Copyright © 2013 National Geographic
OpenStreetMap contributors

0 5 10 Miles
July 2018
Map compiled by the TPWD Wildlife Habitat Assessment Program. No claims are made to the accuracy of the data or to the suitability of the data to a particular use.

Texas Natural Diversity Database (TXNDD) Oncor and AEP Proposed Sand Lake to Solstice 345-kV Transmission Line Project Pecos, Reeves, and Ward Counties, Texas



Life's better outside.®

Protection of State-Listed Species
Texas Parks and Wildlife Department Guidelines

Protection of State-Listed Species

State law prohibits any take (incidental or otherwise) of state-listed species. State-listed species may only be handled by persons possessing a **Scientific Collecting Permit** or a **Letter of Authorization** issued to relocate a species.

- **Section 68.002 of the Texas Parks and Wildlife (TPW) Code** states that species of fish or wildlife indigenous to Texas are endangered if listed on the United States List of Endangered Native Fish and Wildlife or the list of fish or wildlife threatened with statewide extinction as filed by the director of Texas Park and Wildlife Department. Species listed as Endangered or Threatened by the Endangered Species Act are protected by both Federal and State Law. The State of Texas also lists and protects additional species considered to be threatened with extinction within Texas.
- **Animals** - Laws and regulations pertaining to state-listed endangered or threatened animal species are contained in **Chapters 67 and 68 of the Texas Parks and Wildlife (TPW) Code and Sections 65.171 - 65.176 of Title 31 of the Texas Administrative Code (TAC).** State-listed animals may be found at **31 TAC §65.175 & 176.**
- **Plants** - Laws and regulations pertaining to endangered or threatened plant species are contained in **Chapter 88 of the TPW Code and Sections 69.01 - 69.9 of the TAC.** State-listed plants may be found at **31 TAC §69.8(a) & (b).**

Prohibitions on Take of State Listed Species

Section 68.015 of the TPW Code states that no person may capture, trap, take, or kill, or attempt to capture, trap, take, or kill, endangered fish or wildlife.

Section 65.171 of the Texas Administrative Code states that except as otherwise provided in this subchapter or **Parks and Wildlife Code, Chapters 67 or 68**, no person may take, possess, propagate, transport, export, sell or offer for sale, or ship any species of fish or wildlife listed by the department as endangered or threatened.

"Take" is defined in **Section 1.101(5) of the Texas Parks and Wildlife Code** as:

"Take," except as otherwise provided by this code, means collect, hook, hunt, net, shoot, or snare, by any means or device, and includes an attempt to take or to pursue in order to take.

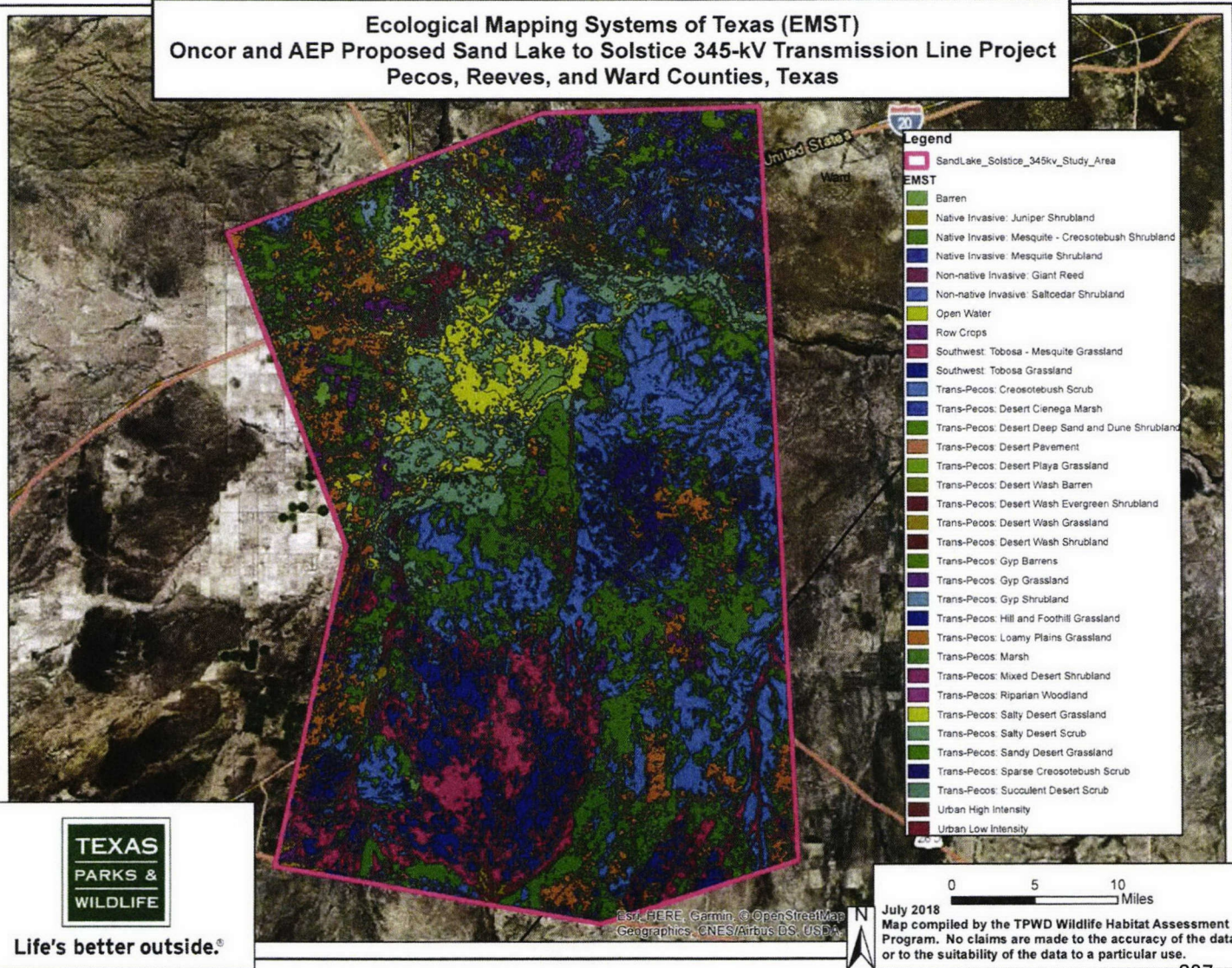
Penalties

The penalties for take of state-listed species (**TPW Code, Chapter 67 or 68**) are:

- 1ST Offense = Class C Misdemeanor:
\$25-\$500 fine
- One or more prior convictions = Class B Misdemeanor
\$200-\$2,000 fine and/or up to 180 days in jail.
- Two or more prior convictions = Class A Misdemeanor
\$500-\$4,000 fine and/or up to 1 year in jail.

Restitution values apply and vary by species. Specific values and a list of species may be obtained from the TPWD Wildlife Habitat Assessment Program.

Ecological Mapping Systems of Texas (EMST)
Oncor and AEP Proposed Sand Lake to Solstice 345-kV Transmission Line Project
Pecos, Reeves, and Ward Counties, Texas



Life's better outside.®



May 24, 2018
AVO 34437

Ms. Judy Albus
Program Supervisor, San Angelo Regional Office
Texas State Soil and Water Conservation Board
3129 Executive Drive
San Angelo, TX 76904

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Ms. Albus:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Texas State Soil and Water Conservation Board within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1701 NORTH BOWSER ROAD
RICHARDSON TX 75081 2275

TEL (214) 346-6200
FAX (214) 739 0095

WWW.HALFF.COM

A-98

288



May 24, 2018
AVO 34437

Mr. Lee Huntoon
Manager - Panhandle/West
Texas Water Development Board
PO Box 13231
Austin, TX 78711-3231

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Huntoon:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Texas Water Development Board within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON TX 75081-2275

TEL (214) 346-6200
FAX (214) 739-0095

WWW.HALFF.COM

A-99

289



May 24, 2018
AVO 34437

Las Cruces Regulatory Office
U.S. Army Corps of Engineers
505 South Main Street, Ste. 142
Las Cruces, NM 88001-1210

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

To Whom it May Concern:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the U.S. Army Corps of Engineers within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", is written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)



May 24, 2018
AVO 34437

Mr. Adam Zerrenner, Field Supervisor
Ecological Services Field Office
U.S. Fish and Wildlife Service
10711 Burnet Road, Suite 200
Austin, TX 78758-4460

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Zerrenner:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the U.S. Fish and Wildlife Service within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 349-0095

WWW.HALFF.COM

A-101

291



May 24, 2018
AVO 34437

Mr. Rex Allgood
Board President
Ward County Irrigation District 1
PO Box 2
Barstow, TX 79719-0002

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Mr. Allgood:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Ward County Irrigation District 1 within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHTERDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 339-0095

WWW.HALFF.COM

A-102

292



May 24, 2018
AVO 34437

Ms. Wanda B. Corrales
President
Ward County Water Improvement District 2
PO Box 328
Grandfalls, TX 79742-0328

Re: Oncor Electric Delivery Company, LLC's and AEP Texas Inc.'s proposed Sand Lake—Solstice 345 kV transmission line project in Reeves, Ward, and Pecos Counties, Texas

Dear Ms. Corrales:

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP) propose to construct a 345 kilovolt (kV) transmission line between the existing (under construction) Oncor Sand Lake Switch in Ward County and the existing AEP Solstice Switch in Pecos County. The Sand Lake Switch will be located proximal to the Pecos River approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. The distance between these project endpoints as shown in the attached map is approximately 40 miles.

Halff Associates is preparing an Environmental Assessment (EA) and Alternative Route Analysis to support an application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). Halff is currently in the process of gathering data on the existing environment and identifying environmental land use constraints within the project study area that will be used in the creation of an environmental and land use constraints map. Halff will identify potential alternative routes that consider environmental and land use constraints.

Halff is requesting that your office provide environmental and land use constraints information regarding land issues, proposed developments, or other areas of interest to the Ward County Water Improvement District 2 within the project study area. Your comments will be an important consideration in the evaluation of alternative routes and in the assessment of impacts. Upon certification of a final route for the proposed project, Oncor and AEP will determine the need for other approvals and/or permits. If your jurisdiction has approvals and/or permits that would apply to this project, please identify them in response to this inquiry. If permits are required from your office, Oncor and AEP will contact your office following certification of a final route.

Thank you for your assistance with this transmission line project. If you have any questions or require additional information, please contact me at (214) 346-6367. Your earliest reply will be appreciated.

Sincerely,
HALFF ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Russell Marusak", written over a horizontal line.

Russell Marusak
Environmental / Natural Resources Team Leader

Attachment (1)

HALFF ASSOCIATES, INC.

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081-2275

TEL (214) 346-6200
FAX (214) 339-0095

WWW.HALFF.COM

A-103

293

THIS PAGE LEFT BLANK INTENTIONALLY

Appendix B

Public Involvement

THIS PAGE LEFT BLANK INTENTIONALLY

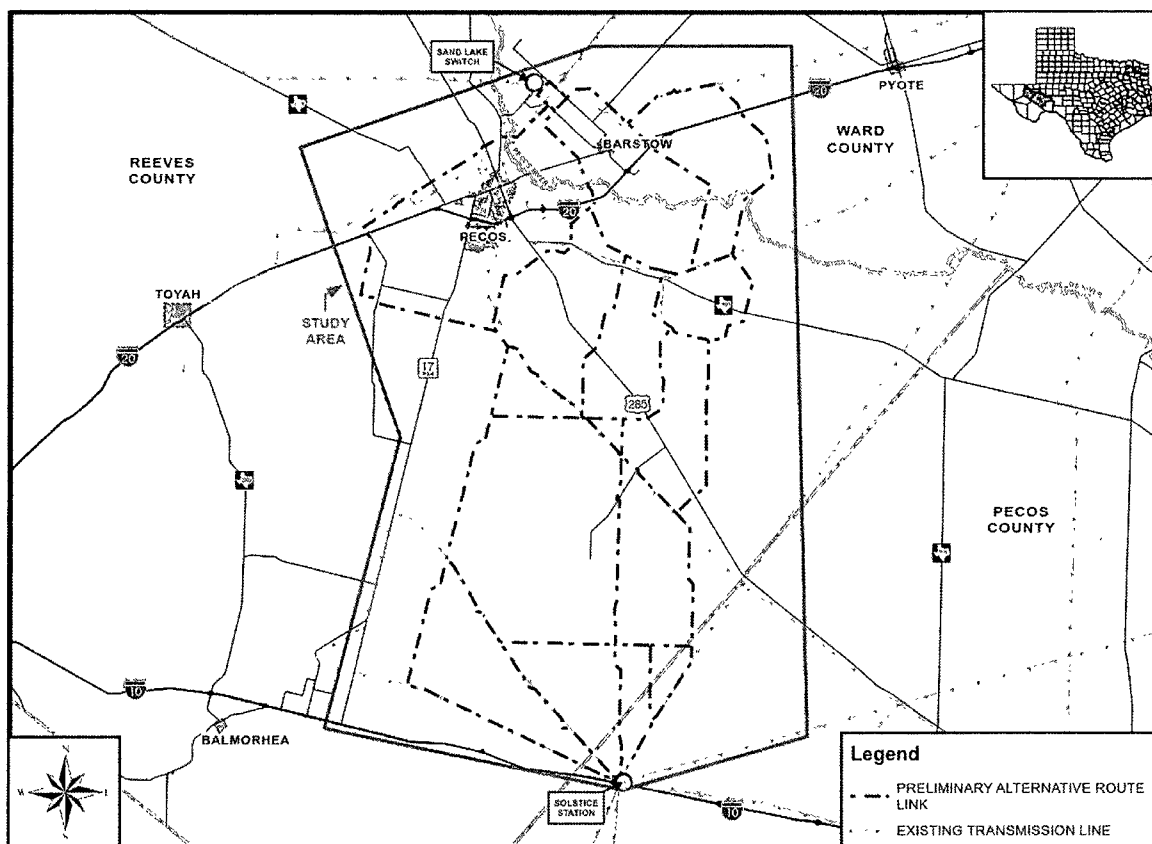
**ONCOR ELECTRIC DELIVERY COMPANY LLC & AEP TEXAS
NOTICE OF PUBLIC PARTICIPATION MEETING FOR THE PROPOSED
SAND LAKE—SOLSTICE 345 kV TRANSMISSION LINE PROJECT**

Wednesday, August 15, 2018

Reeves County Civic Center
1500 South Cedar Street, Pecos, Texas

4:00 - 7:00 PM

Oncor Electric Delivery Company LLC (Oncor) and AEP Texas propose to construct a 345 kilovolt (kV) transmission line from the planned Oncor Sand Lake Switch in Ward County and the existing AEP Texas Solstice Switch in Pecos County. The Sand Lake Switch is located approximately six miles northeast of the City of Pecos on the northwest side of Farm-to-Market Road 3398. The Solstice Switch is located along the north side of Interstate Highway 10 approximately 2.5 miles east of the Pecos/Reeves County Line. Oncor and AEP Texas are committed to routing the proposed transmission line in a manner consistent with the values of the local communities, the Texas Utilities Code, and the Public Utility Commission of Texas rules and policies. In support of this routing process, Oncor and AEP Texas is holding one Public Participation Meeting to solicit input for use in determining routing alternatives for the proposed transmission line. Halff Associates, a consulting firm retained by Oncor and AEP Texas for the project, has identified preliminary alternative transmission line route links for consideration, which are shown as dashed lines on the provided map. Maps with greater detail will be exhibited at the meeting. Individuals attending the "come and go" open house meeting will have an opportunity to ask questions and provide comment to representatives and technical experts from Oncor, AEP Texas, and Halff Associates regarding the routing of the proposed transmission line. These preliminary alternative route links are subject to modification based on information received at the Public Participation Meeting and further studies. If you have any questions concerning this meeting, please contact Mr. Chris Reily at (214) 486-4717 or email transmissionprojects@oncor.com. For more information, please visit our website at www.oncor.com/transmissionprojects/.



B-1

THIS PAGE LEFT BLANK INTENTIONALLY

**ONCOR ELECTRIC DELIVERY COMPANY LLC & AEP TEXAS INC.
SAND LAKE TO SOLSTICE
345 kV TRANSMISSION LINE PROJECT
PUBLIC PARTICIPATION MEETING**

Wednesday, August 15, 2018

Reeves County Civic Center
1500 South Cedar Street, Pecos, Texas

4:00 - 7:00 PM

Welcome and thank you for taking the time to attend this Public Participation Meeting for the proposed Sand Lake to Solstice 345 kilovolt (kV) transmission line project (Proposed Transmission Line Project). In order for Oncor Electric Delivery Company LLC (Oncor) and AEP Texas Inc. (AEP Texas) to continue to provide safe and reliable electric service in this area, a new transmission line is needed. The proposed new transmission line would be constructed to connect Oncor's planned Sand Lake Switch located northwest of Farm-to-Market Road 3398 in Ward County, approximately 6 miles northeast of the City of Pecos, to the existing AEP Texas Solstice Station along Interstate Highway 10 within Pecos County, approximately 2.5 miles east of the Pecos/Reeves County line. The Proposed Transmission Line Project is currently planned for completion in 2020.

The purpose of this Public Participation Meeting is to present information, receive your ideas and comments, and answer your questions about the Proposed Transmission Line Project. The Questions and Answers below provide general information about the project.

You will notice that there are several subject matter stations with associated exhibits around the room. Oncor and AEP Texas representatives, as well as representatives from firms contracted for the project, are located at each station and can provide answers to specific questions about the Proposed Transmission Line Project. We encourage you to take advantage of this opportunity to talk with the various representatives of Oncor and AEP Texas, as well as our routing and environmental consultant, Halff Associates Inc. (Halff), and our property ownership abstractor consultant, TRC